

PENTHOUSE

THE INTERNATIONAL MAGAZINE FOR MEN

MAY 2016 | \$14.95 NZ \$15.90

THE INTERVIEW:
MICHAEL FASSBENDER

FBI VS APPLE:
THE FIGHT FOR OUR
PRIVACY HAS BEGUN

THE SPY WHO HACKED ME

FORMULA ONE:
TECH IN THE FAST LANE

THE SPACE RACE THAT
NEVER WAS

PORNOGRAPHY
OF THE FUTURE

GAMING HISTORY
GETS NAKED



UNRESTRICTED

M (Mature)

NOT RECOMMENDED FOR
READERS UNDER 15 YEARS

AUSTRALIA & NZ EDITION



9 770158 065008

0 5

BORN IN **SAPPORO**

**JAPAN'S OLDEST BRAND
SINCE 1876**



www.sapporobeer.com.au

Drink Responsibly





FOR MEN

VSFORMEN.COM.AU



Maintain an all over even cut with THE CREW CUT the latest clipper from VS For Men with lithium-ion technology and Japanese steel blades which cuts in any direction – for grade 1-4.

MAKE NO MISTAKE

THE CLIPPER HAS EVOLVED THE CREW CUT



THE SELF-CUT CLIPPER FOR A SHORT EVEN HAIRSTYLE

LITHIUM POWERED | WORLD WIDE VOLTAGE

AVAILABLE ONLY AT

SHAVEN SHOP



PENTHOUSE

MANAGING EDITOR

Nathan Hammond
nathan@phpublications.com

FEATURES EDITOR

Sean Bruce
sean@phpublications.com

VIDEO EDITOR

Nick D'Arcy
nick@phpublications.com

ART DIRECTOR

Gavin Morrison

CONTRIBUTORS

Steve Freeth, Nick Hollins, Kate Iselin,
Nick Gordon, Rebecca Hendricks,
Josh Manning, Ryan Wittingslow, Cheryl Tan,
Houdini Merton, Megan Cullen

CIRCULATION AND PRODUCTION

Bruna Rodwell
bruna@phpublications.com

ADVERTISING

PR/Marketing Manager: Anessa Caputo
Anessa@phpublications.com

PUBLISHER

Damien Costas
Filthy Gorgeous Pty Ltd
Level 10, 1 Chandos Street,
St Leonards NSW 2065, Australia
PO Box 2255, St Leonards NSW 1590
Tel: 1300 784 516
info@phpublications.com

DISTRIBUTORS

Gordon & Gotch
Tel: 1300 650 666

SUBSCRIPTION SERVICES

Magshop
Call within Australia: 136 116
Mon-Fri: 9am to 5pm EST

Printed in Australia by
Lane Print Group

PENTHOUSE INTERNATIONAL LTD

Founded March 1965 by BOB GUCCIONE
Copyright FriendFinder Networks, Inc., all
rights reserved. Portions are reprinted by
permission of FriendFinder Networks, Inc.,
original copyrights 2003. No part of this
publication may be reproduced in any form,
or by any means – electronic, mechanical,
photocopying, recording, or otherwise – or
stored in any retrieval system without the
written permission of the copyright holder
and the publishers. Unsolicited manuscripts
are welcome and must be submitted
via email; no typewritten traditional mail
submissions will be accepted. Names
and addresses must be included with all
correspondence. Australian Penthouse does
not accept responsibility for lost editorial
or photo submissions. All unsolicited
submissions remain the property of
Australian Penthouse.

FROM THE MANAGING EDITOR

PICTURE this. Me, sitting on a reclining office chair, fingers poised over my keyboard as I think about what I'm going to write next. My eyes are fixed on the 17" Macbook Pro in front of me, a daily occurrence, I wonder how much time I spend on this thing? The Presets are playing in my headphones, which are connected to my iPhone. A thin white cord bridges the gap between my laptop and iPhone – the cable, now as much a symbol of consumerism as the golden arches. My phone and mac are connected to wireless – who still uses cables? And who remembers 56k modems? The dial up tone, days to download movies – the way it disconnected when a phone call was made. The slow old days, but they weren't so bad. I was young and the tech was new and impressive. 2D internet games, chat rooms and Leisure Suit Larry kept me entertained. I had no idea what the future had in store for us.

As I sit and consider these things, a white box tickles my periphery. Inside, sits the future – the latest in Virtual Reality technology. Today, I'm going to give it a test run and I have no idea to what to expect. What I do know however, is that our taste for technology is becoming increasingly insatiable and all consuming. We're all familiar with the train platform scenario, where, if we dare to look up from our iPhone, we'll notice that everyone else is looking down, at theirs. It's a far cry from days when we had to stand around and twiddle our thumbs. Good or bad? That's up to you to decide. Regardless, the future is here, and it's coming quicker than the latest Apple product.

I open the box and look inside, I put the headpiece on – I look like an extra from a Daft Punk film clip. I wonder how long it will be before people are wearing these during their daily commute. Or, perhaps the daily commute will be a thing of the past. What's the point when we can meet up in the digital space? The future always seemed a distant prospect – I know that seems obvious, but I'm not talking about the actual future, but rather, the concept of the future. The concept we thought would involve flying cars, space travel and retro looking ray guns. Virtual reality always seemed like it belonged to that future.

As the lines between our online and offline worlds become increasingly blurred, the question of how people access your private information becomes the biggest issue of our age. This dilemma will surely be one of the defining features of this century.



"DOOM" GIVEAWAY

Thanks to the team at Bethesda and The Gamesmen we have 15 copies of the new R-rated game "DOOM" to give-away. For your chance to win, Email info@phpublications.com and tell us the first game you purchased and why?

Available May 13 from
www.thegamesmen.com.au



89

GAME OVER



26



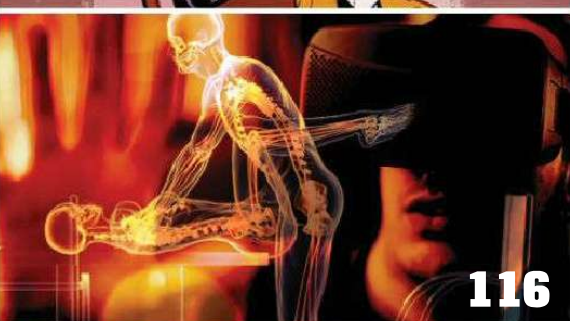
39



46



108



116



127

PENTHOUSE

CONTENTS

MAY 2016

13: THE DEBRIEF

The identity of the world's greatest street artist finally revealed, how to get paid \$18,000 to lay in bed, and what's Kanye West in trouble for this time?

26: MAN OF THE MOMENT: WILL.I.AM

The former Black Eyed Peas front man has his eyes on the future of wearable tech. Does he have what it takes?

36: WINNING FORMULA

We take a look at what makes Formula One the most technologically advanced sport on earth.

39: IN FOCUS: MARCO MICHALETTO

Marco Michieletto strips life back to the simple and nostalgic.

46: THE INTERVIEW: MICHAEL FASSBENDER

We unmask X-Men's bad guy to talk Steve Jobs, fast cars and Hollywood.

51: HIGH LIFE

The most futuristic cars on the road, the Four Horsemen of the Apocalypse and the revolution in the hotel industry

65: BESPOKE

The latest and greatest in gadgets, accessories and hi-tech wear.

79: GOOD TASTE

Give your taste buds a treat, take a dip in the new world of whisky.

89: GAME OVER

Arcades and ataris, our gamer girl knows which buttons to push. Game on.

102: APPLE VS AUTHORITIES

Why the Apple v FBI encryption debate is bigger than your iPhone.

108: THE SPY WHO HACKED ME

Why we can't give the government access to our iPhone.

110: Q&A: SECRET LIFE OF PORN STARS

Porn parties, pre-sex rituals and advice for a first timer.

116: FEATURE: FUTURE SEX

Investigating the brave new world of porn and technology.

127: ROOM SERVICE

Room service has never tasted so good. Seconds? Yes please.





EVENT PLANNER

BURGAPALOOZA

16 APRIL - 17 APRIL

Manning Bar, Sydney

I hope you're ready for mouth-watering hamburgers and beers, because that's what you'll be getting at BURGAPALOOZA, a burger odyssey taking place at Manning bar in April. It received more than 10,000 expression of interest on Facebook in under 24 hours, so it's safe to say we like our burgers. Vendors include: Bar Luca, Pub Life Kitchen, Chef's Bar, Milk Bar by Café Ish, Barrio Cellar, Bare Grill, beer supplied by James Squire. Tickets are \$6.99

IRON MAIDEN

MAY - NATIONAL TOUR

Metal fans rejoice, Iron Maiden are back, minus a nearly tragic runway accident in a plane last month. Apparently Iron Maiden own a plane, and one of the band members



drives it, who knew. Anyway, they're touring Australia in May, it's their first tour since 2011. Catch them playing their new double album 'The Book Of Souls'.

RUDIMENTAL

MAY - NATIONAL TOUR

Rudimental have been making dance floors bounce for at least a few years. They're an English drum and bass band, for those who don't know. What I do know is that drum and bass has always had a scene, remember electro? That was a thing, drum and bass on the other

hand, underground or mainstream, it's a stayer. Don't believe me? No one cares. Catch Rudimental this May across Australia. Enjoy.

WWE LIVE AUSTRALIA

AUGUST - NATIONAL TOUR
There is something incredibly satisfying about watching overgrown man-mountains, heave and grunt at female tennis player intensity, throw each other around and pretend that it's all real. But is it? It depends how you look at it. It's real in the way that Santa was.



So, no, it's not, but in saying that, these dudes are badass athletes who would kick our collective asses if it came to it. The divas will also be there - they too would kick our collective asses.



COACHELLA

APRIL

California
Coachella is revered among hipsters, hippies and suits alike. With acts like Ice Cube, Disclosure, A\$AP Rocky, Gary Clark Jr, BADBADNOTGOOD, Deerhunter, RL Grime, Mr Carmack and DJ Kozé, it's easy to see why. The annual music

festival draws hundreds of thousands of followers, the 2015 festival sold 198,000 tickets and grossed \$84.3 million, both world records. Now is your chance to break a world record, like you've always wanted.

JURASSIC WORLD: THE EXHIBITION

NOW - NOVEMBER
Melbourne Museum

The only encounter with a dinosaur that you're likely to survive, Jurassic World gets you close to our 65 million year old ancestors. Brush up on your knowledge, and impress your friends by telling them the difference between a Baryonyx, a Brachiosaurus and a Dacentrus. Tell us while you're at it, because we've got no idea. If you've been waiting for an excuse to visit a museum, this is it. Tickets on sale now.



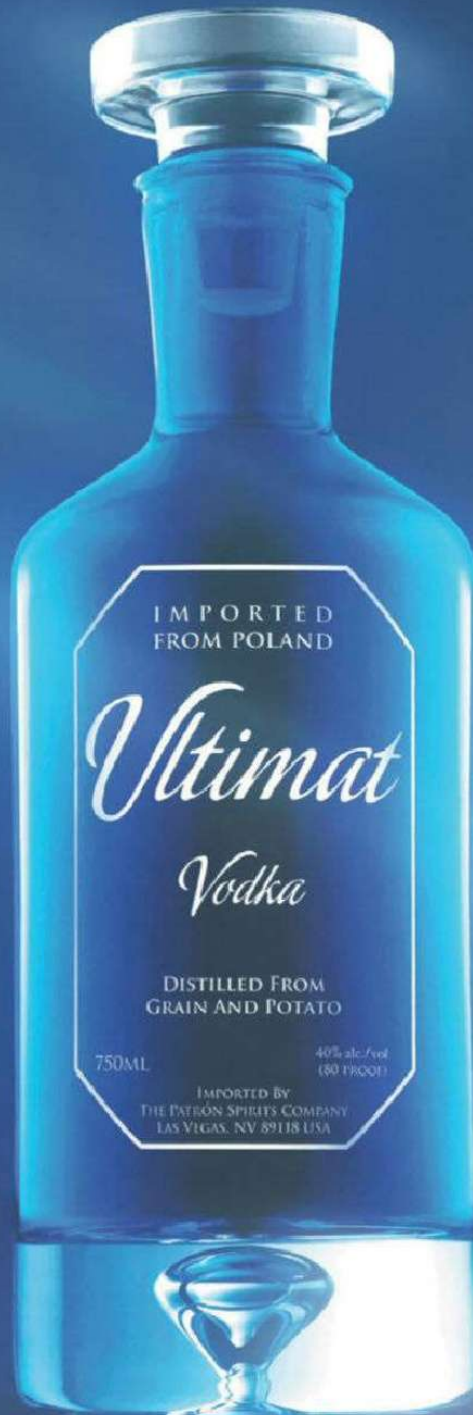
NOT ALL BURGERS ARE CREATED EQUAL

We take whole chuck steak muscles, free of hormones, steroids and antibiotics, and cut them up ready for grinding.

Owning the grinding process means we can make the freshest beef patty going around.

The less time spent as mince, the more tender, juicy and flavourful the patty. Season to order and cook medium rare. Winner!

FIND BALANCE. FIND ULTIMAT.
A CAREFULLY CRAFTED BALANCE OF WHEAT, RYE AND POTATO
FROM THE CREATORS OF PATRÓN.



B

THE DEBRIEF



BANKSY IDENTIFIED

THE IDENTITY OF THE WORLD'S GREATEST STREET ARTIST
FINALLY REVEALED

WHAT WE'VE LEARNT

BANKSY'S IDENTITY REVEALED



THE identity of one of the art world's most mysterious figures, Banksy, has been revealed. The probable identity of Banksy was revealed thanks to a geographical profiling study, conducted by Queen Mary University of London, where they used a mathematical technique to discover the most likely candidate, based on how often their work appeared in a certain area.

Following a dispute with Banksy's

legal team, the mystery man has been revealed as artist Robin Gunningham. The study was released by academic publisher Taylor & Francis, which showed that Banksy's work was found most commonly in places frequented by Gunningham.

"We use a Dirichlet process mixture (DPM) model of geographic profiling, a mathematical technique developed in criminology and finding increasing

application within ecology and epidemiology, to analyse the spatial patterns of Banksy artworks in Bristol and London," the researchers explain. "The model takes as input the locations of these artworks, and calculates the probability of 'offender' residence across the study area... Our analysis highlights areas associated with one prominent candidate (e.g., his home), supporting his identification as Banksy."

YOU WORK FOR GOOGLE NOW



CAPTCHAS, also known as the annoying security questions you decipher to verify that you're a human, are used to stop fraudulent online activity. But have you ever noticed that some of them look suspiciously like house numbers pulled from Google Street View, or bits of text from books and newspapers? Well, that's because they are.

CAPTCHAS, for those unfamiliar, is the distorted text meant to stop bots from signing up for online accounts. But did you know that internet users, such as you, are being used to identify unknown bits of information from Google Street View, or online texts, that cannot be scanned or verified by other means. Every time you enter a capture - one that looks like a bit

of text from a book, or a street number, Google uses that data to verify the image against other information, which will then be used to improve data on online content like Google Maps.

Says Google:

We're currently running an experiment in which characters from Street View images are appearing in CAPTCHAs. We often extract data such as street names and traffic signs from Street View imagery to improve Google Maps with useful information like business addresses and locations. Based on the data and results of these reCaptcha tests, we'll determine if using imagery might also be an effective way to further refine our tools for fighting machine and bot-related abuse online.

NASA'S SCOTT KELLY GREW TWO INCHES IN SPACE

A year is a long time to spend circling the earth in zero gravity. In fact, we weren't sure what spending that much time in space does to the human body, until now.

After living for nearly a year aboard the International Space Station, NASA astronaut Scott Kelly has returned to earth after more than 500 days in orbit, two inches taller than his identical twin brother Mark.

One of the main goals of his record-breaking flight was to observe and study how well humans can endure in space. Currently, our understanding of how the human mind and body can cope on long-duration spaceflights, is limited.

One of the unique advantages of sending Scott Kelly to space, is that NASA is able to compare Scott, with his twin brother, who spent the time with his feet planted firmly on the ground.

Upon return, Kelly, who spent more time in space than any other American Astronaut, reports that overall he, "feels pretty good".

Before Kelly's record breaking flight, the record for the longest time spent in space was held by Russian cosmonaut Valeri Polyakov, at 437.7 days back in the 90's. The longest time spent in space by a canine was 22 days.



\$5000 IF YOU CAN PROVE THE EARTH IS ROUND

A great man once said, 'death is like stupidity'. You don't know when you're dead nor do you know when you're stupid, it's just a pain in the ass for everyone else.

The Flat Earth Society is a group who are certain that the earth is flat. So certain in fact, they are offering anybody \$5000 if they can provide flawless evidence that the Earth is round.

Those that accept the challenge, will have to apply advanced mathematics, as well as trigonometry, geometry and astronomy to prove their point.

Keep in mind that the earth's roundness has been proven before, multiple times throughout history. It is entirely possible that no matter how perfect your proof is, the Flat Earth Society will not accept the evidence laid out before them. One can only assume this is because it's full of idiots.

Just to be sure, it has been proven beyond a shadow of a doubt that the earth is round.



A TOWN IN SLOVENIA WILL BUILD EUROPE'S FIRST BEER FOUNTAIN

Things to do in Slovenia include: visiting one of the 10,000 caves, (the best known, Postojna runs for around 20km). Visit one of the wineries: there is a winery for every 70 people - they like a drink. Failing these two, you could go drink beer from a fountain.

If you were short on reasons as to why you should visit Europe, now you have one. Žalec, Slovenia is now at the top of our must-visit holiday destinations after they announced plans to build a fountain that spurts out drinkable beer. The fountain will dispense a variety of local beers which tourists can pay for, and drink out of a commemorative mug.

Whilst a build date is yet to be

confirmed, the project is set to cost about \$330,000 (more than reasonable, if you ask us), and is expected to attract tourists from around the globe. Naturally, the proposed fountain has caused concern among some of the locals - probably recovering alcoholics and parents. However, good things are worth fighting for! And that's just what they're doing. The town's mayor says that much of the cost will be sourced from public donations. "It's true the fountain won't be cheap. But, it's a development project, a tourism product". Beer goggles will not be included with the mug, as Slovenians are already incredibly attractive.

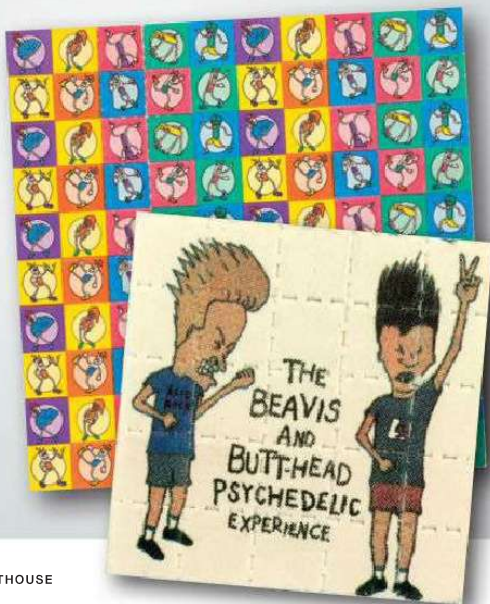
NASA WILL PAY YOU \$18,000 TO LAY IN BED

In an offer that sounds suspiciously sweet, NASA paid one man \$18,000 to lie in bed for 70 days. The study, which took place in NASA Flight Analogue Research Unit in Houston, Texas, looked at the degenerative effects prolonged space flight has on human muscles and bone, and if it can be countered with exercise. The downside? It requires that patients do not leave their bed for the entire 70 day period.

After a three week pre-bed rest phase where patients are tested and run through a number of exercises, they are required to lie down. This is where they'll spend the next two-and-a-bit months of their life, and be subjected to body scans, needles, physical tests; urine jugs filled, collected, and analysed. And that raises the question - have you ever shat lying down? The idea defies human anatomical design - that's exactly what is required of test subjects. They poop in a little plastic shit pot whilst lying down.

Patients can also expect sleepless nights, sleep deprivation, back pain, and headaches whilst the body adjusts.

MUSEUM CONTAINS MILLIONS OF TABS OF ACID



Museums are usually hit and miss. This one, however, is all acid hits.

The museum, named the Institute of Illegal Images, contains several million 'tabs' of acid. Collector, Mark McCloud, has amassed his colourful collection over the past 30 years, since the 1970's.

"When I first noticed the blotter prints, I said, 'Boy, this is fascinating, and maybe I should try to collect some of these so our children know what happened to us,'" McCloud says.

Each sheet of acid contains different designs and artworks, making the psychedelic artefacts, tiny little works of art. Most 'blotter art' was created so that consumers could identify where the acid came from. Some acid designs went as far as to give subtle clues as to which chemist created it. For example, when Mr Bill appeared on a blotter, it signified that the sheet came from a certain chemist names Mr Bill, McCloud says.

Whilst 'blotter art' isn't as prevalent as it once was, it's still out there, and people are still making, buying and using acid. "It's still happening, McCloud says. "But it looks different now. I saw one that looked 3-D. Lenticular."



REPEAT MYSTERY SIGNAL COMING FROM DEEP SPACE

Repeating radio signals coming from a mystery source far beyond the Milky Way have been discovered by scientists. This is the first time multiple signals have been detected coming from the same place in space.

So, is it aliens? Probably not.

Current theories state that the FRBs (fast radio bursts) are likely due to a cataclysmic event, like a supernova or a neutron star collapsing into a black hole. However, this theory does not explain why repeated signals would come from the same place. If a star collapsed, there would be no more signals coming from it, thus, it cannot have been a cataclysmic one-off event.

Paul Scholz, from McGill University, was the first person to notice the repeating burst: "I knew immediately that the discovery would be extremely important in the study of FRBs."

In the study, researchers suggest the repeating bursts are coming from a very young neutron star. "Although there may be multiple physical origins for the population of fast radio bursts, these repeat bursts... support an origin in a young, highly magnetised, extragalactic neutron star," they wrote.

KANYE WEST BUSTED USING THE PIRATE BAY

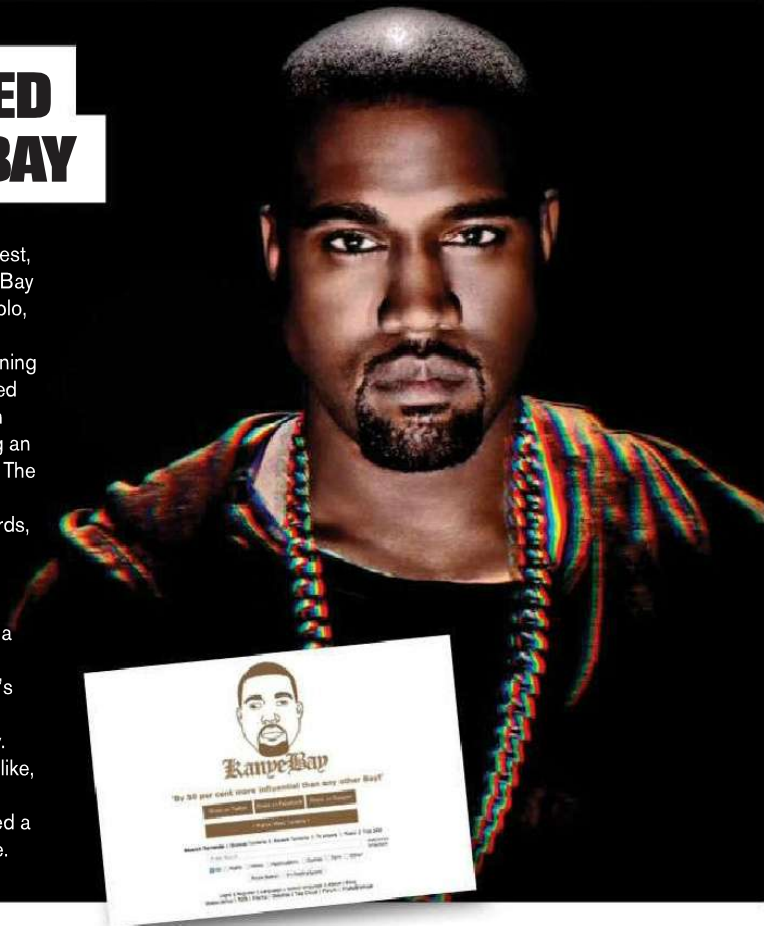
Some stories are so good, they write themselves. Kanye West, after reportedly considering legal action against The Pirate Bay for facilitating mass piracy of his new album, *The Life of Pablo*, has been caught visiting The Pirate Bay.

Last month, Kanye tweeted a photo that showed him listening to Sufjan Stevens on YouTube. However, the image indicated that Kanye was busy with other, more nefarious activities. In Kanye's browser tabs, you can see that he was researching an advanced wavetable synthesiser software called Serum on The Pirate Bay.

Deadmau5, music producer and co-founder of Xfer Records, which makes Serum, was not amused by Kanye's actions. "What the fuck @kanyewest ... Can't afford serum? Dick," he tweeted. A few minutes later he followed up with this zinger: "Let's start a Kickstarter to help @kanyewest afford a copy of Serum."

In typical West style, he has claimed it was just a joke. "It's funny because, you know, it's obviously not my computer," Kanye can be heard telling the paparazzi in the video below. "I took a picture of it in the studio, and then everybody was like, 'Don't put that up!' I was like, 'Let it go up!'"

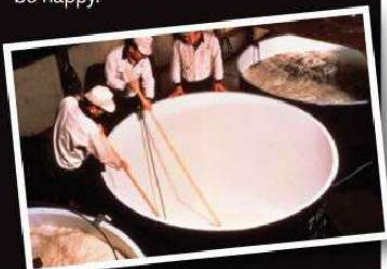
"You know, the irony that that was the site that downloaded a million of my albums..." Kanye continued after a long pause.



COLLEGE STUDENTS WIN \$10,000 FOR FIGURING OUT HOW TO FERMENT BEER QUICKER

A group of American college students just earned \$10,000 for developing a process that speeds up the fermentation process in beer production by up to nine times, while maintaining alcohol quality and composition. The group, backed by some of the biggest brewers in the world, (Millers, Heineken), found a way to convert sugar to alcohol 70% quicker than traditional methods.

Whilst it isn't clear if the process will affect the flavour of the beer, it is promising for smaller brewers, who will be able to better utilise the finite amount of space available in their brewhouses, and essentially double the amount of beer they can produce yearly. All in all, it's a good day for humanity. As Benjamin Franklin once said, "Beer is proof that God loves us and wants us to be happy."



BEAUTIFUL PEOPLE MAY BE HAVING YOU ON

Thinking of giving that secretary job to the most beautiful candidate? Well, if it's 'cause you think she may be the best at her job (which she probably isn't), then think again.

According to a scientific journal article published by Sean N. Talamas, your perception may be distorted by the insidious influence of an 'attractiveness halo'.

According to Talamas, while there are aspects of the face that give us cues as to the health or intelligence of an individual, the attractiveness of an individual will trump all other face-cards. It's the Ace.

This has especially negative consequences when applied to a professional environment, particularly in the context of hiring, where a less-qualified, or

inept individual may be granted a position simply based on their looks.

The study found there is no correlation between attractiveness and actual academic performance. If there were, it would be a science akin to the long deposed study of phrenology, which is effectively what your brain is subscribing to when you feel that a beautiful person somehow has superior smarts or ability.

Other negative implications are far reaching. For example, when facing trial a judge may evaluate your character poorly based on your hideously large and angry-looking eyebrows. Or in education, where femininity is generally considered more attractive, resulting in females faring better in terms of academic performance and their commitment to education.

SPIDER ERECTION STANDS TEST OF TIME

A 99 million-year-old Harvestman – better known as a Daddy Long-legs – has been found encased in amber in Myanmar. The genitals of this close relative of the spider are fully deployed, which is a rare thing to see in nature let alone captured and frozen in a perfect, transparent fossil.

While only 38 harvestman fossils have been discovered thus far, this one is particularly unique, with the penis and its structure being clearly visible within the amber.

The Harvestman's penis is quite unlike other spider dicks in that it actually resembles a mammalian penis, complete with long spindly shaft and heart-shaped glans. However, it also includes a 'stylus' which protrudes from the tip.

The size and shape of the penis are of utmost importance for determining where this Harvestman fits compared to others of his kind. No exact match has been found with any living species, making this Harvestman's junk a very rare artefact indeed.

The specimen dated back to the late Cretaceous period, so this little devil would have been shagging alongside Spinosaurus (Jurassic Park 3) and Plesioleurodon as he was engulfed.

What's odd is that there is no mate present in the scene, and aside from speculation that his mate was a better runner than he was, or that he was just rubbing out



a cheeky one, it has been suggested that this was in fact an accidental arousal. "In Harvestmen, the penis is sometimes pushed out by increasing blood pressure," Says Jason Dunlop, "Maybe as the animal struggled when it got caught in the sticky tree resin, its blood pressure rose and the penis was pushed out accidentally".



VINYL

MUSIC FROM THE HBO® ORIGINAL SERIES
VOLUME 1

CHRISTIAN PROPHET GETS BUTTOCKS MAULED

Alec Ndiwane, a Zion Christian Church 'prophet' from South Africa has had his buttocks mauled by a lion whilst on safari with his Church group. The man, who we can only assume is not actually a prophet, apparently fell into a trance and began speaking in tongues, before leaping out of the car and running toward a pride of lions. As he sprinted towards the lions, they recognised him as a particularly stupid form of prey and began to make an attack formation. The prophet realised that the Lord was away from the office that day and wasn't likely to save him. Mr Ndiwane ran towards the safety of the car, receiving a bite on his arse for his efforts.

'I do not know what came over me. I thought the Lord wanted to use me to show his power over animals.' He said.

He was rushed to hospital for emergency surgery where his wounds were stitched up.

In the ongoing battle between Christians and lions – this one goes to the lions.

SECRET PAEDOPHILE SYMBOL FOUND ON CHILDREN'S TOY



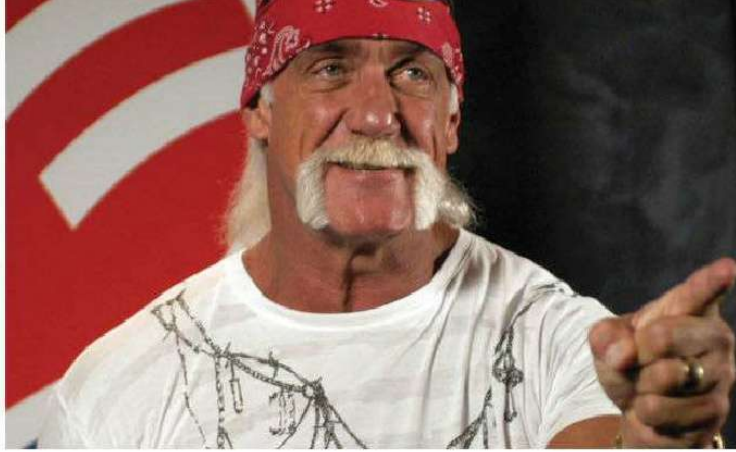
One mother is outraged after realising that a toy she bought her two year old baby was marked with a secret code used by paedophiles.

The paedophiles secret code is used to "specifically indicate the paedophile's gender preference, members of paedophile organisations encourage the use of descriptions such as 'boylove', 'girllove', and 'childlove', an FBI document reads. Dark stuff.

A small blue spiral-shaped triangle surrounded by a larger triangle indicates 'boylove', while 'girllove' is depicted by a small heart, surrounded by a larger heart. It was the latter symbol that the mother found on the child's toy.

Feld Inc, who owns Monster Jam, the event where the item was purchased, admits they had no idea about the symbol's secret code. They had this to say:

"On Tuesday, when the issue with the Monster Jam toy was brought to the company's attention by a customer who purchased it at a recent Monster Jam event, we immediately pulled this item from inventory and will no longer sell it... The company was not aware of the disturbing message contained in the truck's design, nor did we intend to use any design that had a secret or double meaning.



ENOUGH TO GIVE YOU GREY HAIRS

Going grey has always been one of those physical manifestations of age that you want to be able to pull off (literally and figuratively), but still, it is what it is. You're getting old.

Unlike wrinkles, which can be taken care of with an array of expensive lotions and potions, or with a casual slice-and-suture, grey hair is something simultaneously more trivial and more wantonly callous in the way it will strike without warning, and will not go away.

However, if you're insecure about the emergence of your distinguishing temple flecks, or feel like you can't pull off the silver-fox look, the answer to your narcissistic prayers may be somewhere on the scientific horizon.

Researchers at University College London have recently discovered the gene responsible for the grey hair phenomenon. The gene, *IRF4*, which has long been held as being crucially responsible for hair colour, has been determined as the culprit for switching off the production of melanin

(the pigment that colours your skin, hair and eyes) in hair-producing follicles.

The implications of this field of research are ground-breaking for those cosmetically inclined, where the future steps would involve developing drugs that could prevent, or reverse, greying, or even change your hair or eye colour on a genetic level.

The study utilised data taken from 6,600 individuals from Brazil, Colombia, Chile, Mexico and Peru and included persons of mixed European, Native American, and African heritage to ensure a variety in the sample of hair-types.

Other genes were also identified, including *PRSS53*, which determines your curliness, or *EDAR* for your abundance of face-fuzz, offering even more potential hair-options to choose from.

To speculate, we might someday be able to go down to the local pharmacy and pick our favourite hair-type combo out of a catalogue.

I'll take the Hulk Hogan, please!

HOT DOG HOOKER

This week in white trash news, a Long Island woman is being accused of offering more than just a wiener and buns from her Hot Dog stand.

Cathy Scalia, affectionately known as the Hot Dog Hooker, picked up her name after she offered sex to undercover officers from a hot dog stand. She served five days in jail for that offence.

Scalia has made headlines, and outraged neighbours, for a second time, after she again began offering sex-for-hire services from a hot dog stand in her front yard. Apparently she really likes hot dogs.

"Lunch and a lap dance, that's what you get," Scalia said. We're assuming the mustard, ketchup and STI's are thrown in for free.

Scalia claims that there is no sex involved with her lunch lap dances, just good old saucy fun.

"If I were a belly dancer, would you put me behind bars?" Scalia questioned.

But neighbours aren't biting the presumably cold wiener, complaining that "she's an absolute disgrace to our community"... "I think it's more of a mental illness more than anything else.



PARENTS CHARGED AFTER TRYING TO CURE MENINGITIS WITH MAPLE SYRUP

David and Collet Stephan tried to cure their child's meningitis – a disease that affects the fluid in the spine and around the brain – with maple syrup. The couple, who are part of the anti-vaccine movement, refused standard medical treatment for the disease and instead relied on home remedies such as olive leaf extract, whey protein, water with maple syrup and juice with frozen berries. As the child's condition worsened, they changed their treatment plan to apple cider vinegar, horseradish root, hot peppers, onion, garlic and ginger root.

The child was airlifted to hospital after they stopped breathing and later died after a five day struggle with the entirely preventable disease.

The couple, who have now been charged for the incident, own and operate a fraudulent nutritional supplement shop that has been sued by Health Canada for endangering the lives of their customers. The supplements are nothing more than a mixture of vitamins and minerals, with no medicinal benefit.

GET THE PICTURE

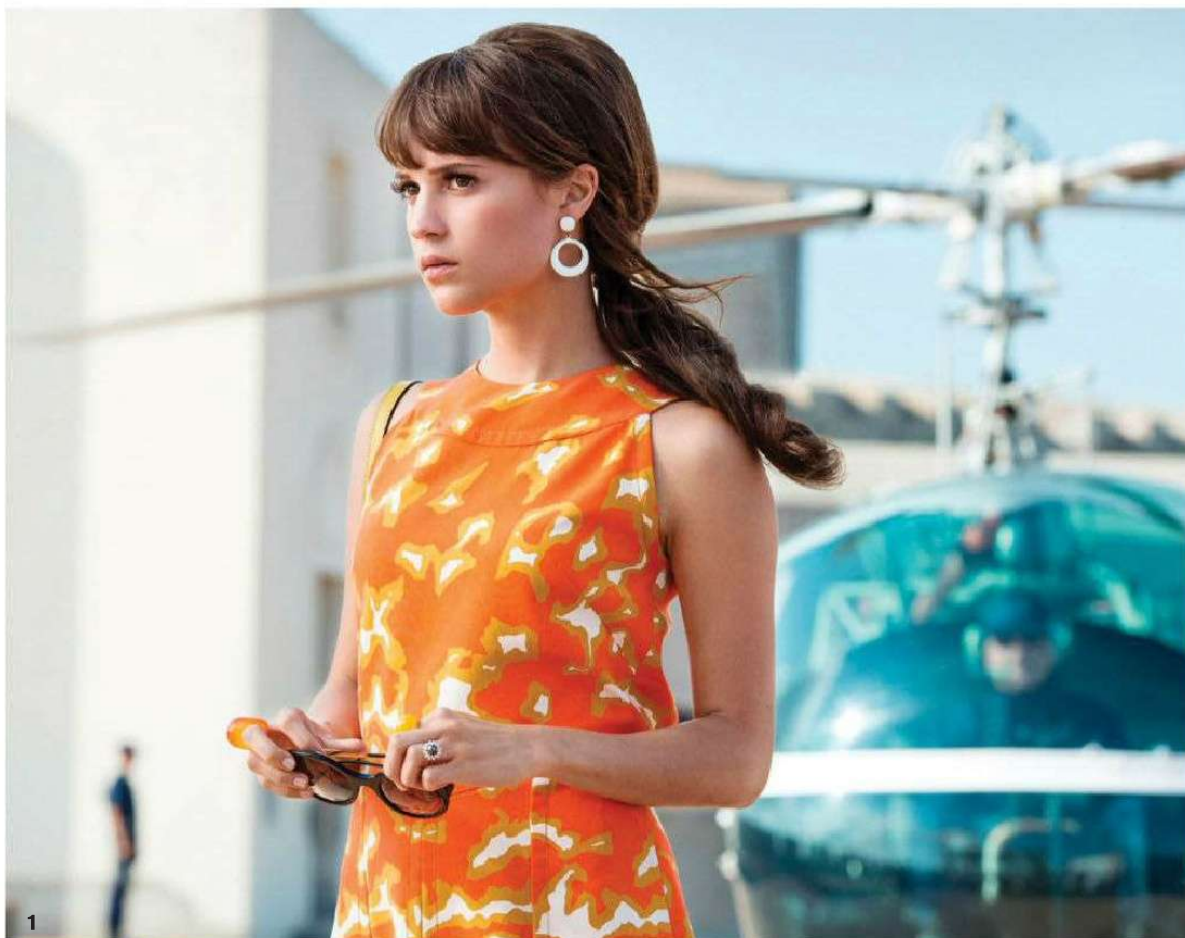
CMDR. Scott Kelly and his Russian counterpart Mikhail Kornienko returning to earth after spending a historic 340 days aboard the international space station. We spoke to photographer Bill Ingalls about the iconic image. This is what he had to say.

"The Russian MI-8 helicopter that we are in climbs to an altitude of roughly 2,500 meters above the ground. The commander is given word from other aircraft and support vehicles on where the Soyuz is. Once spotted we photograph out of an open door and follow the capsule during its decent on parachute."

"In this case there was a cloud layer that prevented us from seeing the complete landing sequence, but of course provides for a beautiful backdrop as the soyuz is above the clouds." 

Credit: (NASA/Bill Ingalls)





1



2

CRUSH

1. ALICIA VIKANDER

Swedish born Vikander has five siblings.

She's a trained ballet dancer of nine years, but abandoned her professional dancing career in 2009 to pursue acting. She recently featured in The Man from U.N.C.L.E (2015). Did we mention she's gorgeous?

2. KATHERINE WATERSTON

We're not including Waterson merely for the fact that she got nude in Inherent Vice when she played Joaquin Phoenix's girlfriend. No, she's an all round talent. She won critical acclaim for her roles in Michael Clayton and Inherent Vice, and she's also a respected stage actress.

Girls got talent.

3. MEGAN FOX

Best known for her role in Transformers, Fox will be playing Soledad Paladin in James Franco's upcoming Zeroville. In saying that, we don't need an excuse to include her. Just look at her!



3

SACHA BARON COHEN

GRIMSBY

FROM THE MAN BEHIND *BORAT*, *BRUNO* AND *THE DICTATOR*



COLUMBIA PICTURES PRESENTS IN ASSOCIATION WITH LSTAR CAPITAL AND VILLAGE ROADSHOW PICTURES A FOUR BY TWO FILMS WORKING TITLE BIG TALK PICTURES PRODUCTION A FILM BY LOUIS LETERRIER
"GRIMSBY" GABOUREL SIBBE WRITTEN BY SACHA BARON COHEN AND DAVID BUCKLEY COSTUME DESIGNER PACO DELGADO EDITOR JAMES THOMAS EXECUTIVE PRODUCERS JONATHAN AMOS AND KAYE QUINN
DIRECTOR OF PHOTOGRAPHY OLIVER WOOD PRODUCED BY LOUISE ROSNER MEYER PRODUCED BY TODD SCHULMAN PHIL JOHNSTON PETER BAYNHAM JAMES BIDDLE ERIC FELLNER TIM DEVAN ANT HINES ADAM McRAY BEN WAISBREN
STORY BY SACHA BARON COHEN & PHIL JOHNSTON SCREENPLAY BY SACHA BARON COHEN & PHIL JOHNSTON & PETER BAYNHAM PRODUCED BY SACHA BARON COHEN NIRA PARK DIRECTED BY LOUIS LETERRIER



Strong crude
sexual humour
and nudity



SONY

grimsbymovie.com.au

RoadshowFilms



IN CINEMAS MARCH 10



FUTURE FASHION

WILL.I.AM WANTS TO FUSE FASHION WITH TECHNOLOGY AND CREATE THE NEXT GENERATION OF WEARABLES

YOU may know William Adams better as will.i.am, the multi-platinum singer from Hip-hop group, the Black Eyed Peas. Or perhaps you know him from his voice coaching role on *The Voice*. What you may not know, is that will.i.am has found his next incarnation in the world of tech – a realm that he is determined to crack – by any means possible.

So, what has inspired the change of heart – how does a successful recording artist find himself at the centre of the rapidly expanding technology industry? Usually the realm of geeks and IT professionals, being musically inclined doesn't seem to lend itself to a heavily technical and business oriented industry. However, Adams was named Entrepreneur of the Year last year, and *Fortune* magazine has made him one of its 40 under-40 business leaders. He also has a job as director of creative innovation at chipmaker Intel, and has collaborated on products with Coca-Cola and Lexus.

Adams started his life in a low-income area in east L.A. Pushed to pursue his musical career by his mother, he began playing in clubs with future Black Eyed Peas member Allan Pineda around Los Angeles while still in high school. His initial rap outfit, Atban Klann was picked up by rapper Eazy-E in the early

Steve Jobs apparently held the answer – as with so many other things, it seems, his touch had the ability to turn tech ideas into gold. Adams and his producer Jimmy Lovine agreed to partner up with Jobs and his new creation, iTunes, which created a legal and financially successful way to sell downloadable music. The decision proved to be correct. Adams and the Black Eyed Peas appeared in the first iTunes commercial and iTunes now has over a billion users worldwide.

He may not be the first musician to enter into the tech industry, but he is certainly the most committed. Although music will undoubtedly remain a permanent part of his identity and soul – technology is clearly his future. Adams is investing all his money, time and energy into creating the next big tech break through. His company i.am+ is currently designing a new generation of wearable tech – smart watches, clothes and accessories – that fuse fashion and technology.

His ideas are not without their detractors, though. So far, no company has managed to crack the smartwatch market. In fact, wearable tech has been talked about and promised for quite some time, but it has proved harder than initially thought to create products that are genuinely useful. Furthermore, privacy

ALTHOUGH MUSIC WILL UNDOUBTEDLY REMAIN A PERMANENT PART OF HIS IDENTITY AND SOUL – TECHNOLOGY IS CLEARLY HIS FUTURE

90's and became the Black Eyed Peas after Eazy's tragic death in 1995. After a number of commercially successful albums and a founding investment in rapper come entrepreneur Dr. Dre's headphone and music streaming company – Beats - Adams set himself up with enough money to buy his family out of the ghetto. *Fortune* magazine puts his net worth at \$100 million.

Adams recalls the beginning of his transition from musician to tech entrepreneur in 1999. Whilst on tour with the Black Eyed Peas and working on a new album, *Bridging the Gap*, he was alerted to early music sharing program Napster. Initially, Adams recalls being furious, immediately calling his producer to try and do something about it. They both quickly realised that there was not much anybody could do about it. Digital music was a fact and it was destined to change the way the music industry operated.

He met with the founder of Napster, Shawn Fanning, and came to the realisation that the technology industry was not only creating new means to share and distribute music, but also creating the hardware to enjoy it on as well. If musicians and recording labels were going to have a financial future - it was going to be by teaming up with innovators in the tech industry.

is a concern for consumers who are increasingly wary of the information gathering habits of large tech companies. A wearable tech watch or jacket would provide an almost seamless stream of information about the user.

It is too early to say whether or not Adams will usher in the next era of wearable tech. His latest offering –the Puls, a wearable 'cuff' has been criticised for being difficult to use, expensive and impractical. Similarly, his iPhone accessory camera, the i.am+ foto.sosho, besides having a name that nobody could possibly like, was a commercial flop.

Adams seems determined though – he has hired more than 100 people in offices around the world to help develop his next creations. He set up philanthropic endeavours to help fund science, tech and innovation, particularly in low-income areas, such the one he grew up in. His endeavours in the tech industry are undoubtedly for financial gain, but there seems to be a genuine sense of optimism in the good that technology can bring the world. With some new products due to be released soon, we will see if Adams can convert his vision into commercial success. 

MUSIC

ELECTRONIC MUSIC FRONTIERS



ELECTRONIC music is an echo of our culture. An impossibly diverse musical form best suited to expressing a hyper-individualised experience of reality. Unique creators of sound projecting visions, living in combination with machines, isolated beings, sharing experiences with vast online audiences.

Electronic music offers incredible freedom and its innovators are directing the course of popular music. It blurs the lines between genres and all sound objects are made available.

But in an ocean of sound and subgenres decipherable only to those with specialist knowledge, how do we identify the artists who are leading experimentation in electronic music? Where are the fringes?

Scarlett Di Maio is a producer at FBi Radio in Sydney with deep appreciation and knowledge for experimental music. She describes those leading the way in electronic music as artists who are taking unique approaches to beat making, unafraid to confront the listener and subvert their expectations.

"They're sculptors of sound and thought-provoking music," says Scarlett. "They transcend musical traditions and are exploiting the capabilities of electronic music technology."

Scarlett points to San Francisco sound artist Holly Herndon as a singular talent in electronic music experimentation. "I find her really interesting because she embraces

being a laptop artist. She describes a laptop as a hyper emotional instrument."

Herndon's sound is richly layered with swelling waves of manipulated vocals and inventive percussion. She samples her own voice to play through synths. Her music is sweet and melodic enough to be enjoyed by pop fans, while speaking to those with cerebral appreciation for production.

"Holly Herndon is interested in technology and its social impact," Scarlett says. "I was reading an interview with her and they were comparing her to Apple's Steve Wozniak. Saying she's an innovator who sees machines as helping people to connect with each other and lead more spiritually rich lives."

Herndon resists being compared to other artists and says she wants to be her own archetype. Scarlett agrees, and feels that electronic artists should be allowed to stand alone without constant likening to what's come before. Female artists in particular are regularly compared to the work of male contemporaries.

While Herndon is a rare experience, Scarlett notes that female producers are right at the fore in electronic music, pointing to Nik Colk from Factory Floor and Carter Tutti Void, Karen Dwyer, Pharmakon, Laurel Halo, Felicia Atkinson and Julia Holter.

Among male artists, names worth investigating are Hieroglyphic Being, Oneohtrix Point Never, Vessel, Andy

Stott, Keith Fullerton Whitman, Tim Hecker and The Haxan Cloak.

UK producer Burial has long been a favourite. He emerged with a self-titled album in 2006, followed up the next year by *Untrue*. For years he maintained anonymity, adding mystery to an impactful sound. His records are the creative zenith of dubstep before it's disintegration into sub-movements.

Burial's style beautifully manipulates vocal loops and field recordings, submerged in an aquatic blend of club beats and distant techno. It's blissful and menacing. A soundtrack for the next morning, or the slow motion drive home from the club.

Imaginative sounds will always be in demand by those looking to command people's attention. We see this in experimental electronica infiltrating mainstream pop music, as artists on that level seek underground sounds to keep their edge and relevance.

Although Kanye West is a world-leading producer of unique talent, he regularly collaborates with rising producers to absorb elements of their style. Arca is a good example in his work on *Yeezus*.

The ability to manipulate studio experimentation on stage and build upon them with instruments and live musicians is seeing electronic music transcend its recent technical limitations. Innovators are at the fore of that evolution and it's exciting to observe its progression. 

FILM

THE FUTURE OF FILM IN CINEMA

CINEMA technology has been revolutionised over the past two decades, as theatres have made the switch from celluloid to digital projection and films have increasingly been shot on digital cinematographic technology. For every benefit these technological advancements brought in terms of affordability, convenience and efficiency, they introduced new challenges. Image quality standards reduced, access to celluloid materials was restricted from those who wished to use them and unforeseen archival issues were raised – we'll always be able to shine light through a negative, but we may not be able to decode our current digital media in the future.

To understand our current cinematic paradigm it's worth tracing its history. While a few independent directors tested the waters with digital cinematography technology prior – most notably Lars von Trier in *The Idiots* – the first major studio film shot entirely on digital was 2002's *Star Wars Episode II: Attack of the Clones*, after George Lucas successfully road tested the Sony HDC-750 in a few scenes of 1997's *The Phantom Menace*. The release of *Attack of the Clones* marked a major turning point in Hollywood, with many filmmakers deciding that if digital technology was good enough for George Lucas, it was good enough for them.

Perhaps the format's most active supporter has been Robert Rodriguez, who has shot every film since *Once Upon a Time in Mexico* on digital and credited the new affordances of digital cinema equipment as the sole factor which made his *Sin City* adaptation possible.

Praise hasn't been universal – at Cannes in 2014, Rodriguez's close friend Quentin Tarantino argued that “digital projection [was] the death of cinema”, little more than “television”. Industry heavyweights like Tarantino and Paul Thomas Anderson (director of *Boogie Nights*) do have a point – celluloid both looks better and provides



TO UNDERSTAND THE CURRENT CINEMATIC PARADIGM IT'S WORTH TRACING IT'S HISTORY

that true film “feel”. There's a tangible reason behind this – films are projected in either 2K or at twice that in 4K. Considering the relatively huge pixel size of an image projected in a movie theatre, most films will actually look better on your standard TV, with far finer pixels. As celluloid isn't pixel rendered and lacks a calculable resolution, you're much more likely to get a higher fidelity image out of it. On the other hand, the medium is prone to damage with use, losing quality with each subsequent screening, while its digital counterpart always retains its original image quality.

Few contemporary films see celluloid distribution, and the release of something like *The Hateful Eight* on 70mm is increasingly rare. Paramount hasn't shipped a celluloid print since *Anchorman 2*, with Scorsese's *The Wolf of Wall Street* their first fully digital release, and – with Kodak declaring bankruptcy, and Technicolor and Fujifilm shutting down their film labs – access to celluloid technology is only becoming further restricted.

In saying that, something like *Knocked Up* – which isn't concerned with a filmic aesthetic – doesn't need to be shot on

film, and shirking celluloid would have significantly shaved its \$30m budget. Action films like *Crank 2* – which was partially shot on consumer level digital cameras because they were “cheap to destroy” – have also benefitted from the move towards digital. The ability to capture high quality footage with affordable, GoPro-like camera technology has led to some truly heart-stopping action sequences in *The Martian*, *Pain and Gain*, and *Avengers: Age of Ultron*. Digital cinematographic technology also boasts low set-up times, reduced weight, high storage capacity, instantaneously accessible footage, and easy navigability. This even benefits comedies like *Superbad*, as filmmakers can keep the camera rolling and their actors improvising without celluloid's associated costs – data is (effectively) free, and the digitally shot *Superbad* cost a third less than *Knocked Up*, even though they were both shot and released in 2007.

Ultimately, what's most important is choice. Filmmakers' creative autonomy is at stake and industry trends are forcing them towards digital technology, regardless of their personal preferences. For all the benefits of digital technology, a shift away from celluloid should not stifle creativity and the medium should remain accessible to all. With Tarantino flagging that he's quitting cinema after two more films due to celluloid's imminent death, it might already be too late. 

SAVING OUR DATA FOR THE DISTANT FUTURE

PRESERVING humanity's cultural history and artefacts through deep time is an essential, but extremely difficult activity. Is it possible to store data across millennia?

Scientists from University of Southampton in the UK may have changed all that with the development of a data-storing glass disc that will last 13.8 billion years—or, approximately the age of the entire Universe.

These coin-sized objects can store hundreds of terabytes of data and are super-resistant to high temperatures.

"It is thrilling to think that we have created the technology to preserve documents and information and store it in space for future generations," says Professor Peter Kazansky from University of Southampton's Optoelectronics Research Centre. "This technology can secure the last evidence of our civilisation: all we've learnt will not be forgotten."

The developers are confident the technology could become commercially viable within the next few decades. This would allow libraries, scientific organisations, large companies, governments and individuals to store their data essentially forever.

The desire to declare, "We were here!" is innately human. When the Voyager probes launched into deep space in the 1970s, a message containing sounds and images of life and culture on Earth was inscribed on a 12-inch gold-plated copper disk.

The famous cosmologist Carl Sagan noted at that time, "The launching of this bottle into the cosmic ocean says something very hopeful about life on this planet." We've progressed technologically quite a way since Sagan's era and are taking real steps to preserve and transmit our culture to future descendants.

The Svalbard Seed Vault in the Arctic Circle is a genetic diversity safeguard against ecological cataclysm. Its remote location speaks to the risk for wilful destruction of such attempts to preserve

THERE'S EVERY CHANCE THOSE HUMAN BEINGS WILL BE LIVING ON A PLANET DOMINATED BY SUPER ADVANCED ARTIFICIAL INTELLIGENCE

for the future. It's difficult to fathom that something as noble as a life-preserving seed bank could come under attack.

The manuscripts burned in the destruction of the Library of Alexandria are the ultimate symbol of lost knowledge. Much of what we know about the ancient world comes purely from the documents that survived.

Scientists are taking into account the threat of vandalism and unforeseen political developments when discussing potential sites for storing cachets of glass data discs. If we're looking to store them for thousands of years – the sites will need to be resistant to geological change and the spectre of nuclear detonations.

Deep cave networks and the Arctic Circle are good on these counts. Of course, people in the future will need to look in these places, and let's hope they do. Interestingly, other research teams are working on a data storage method far more mind boggling than encrypting glass discs in five dimensions: DNA.

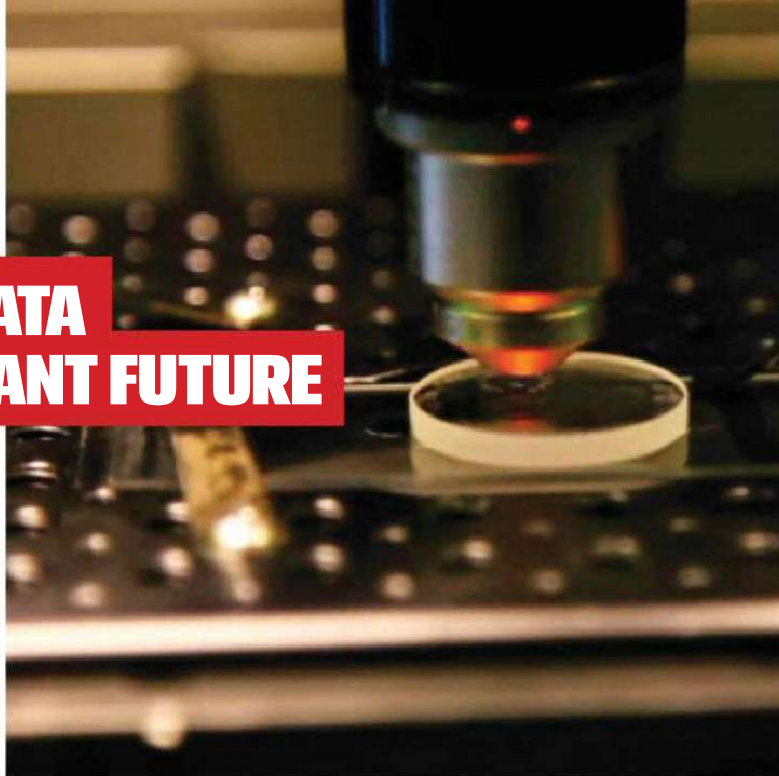
Biologist George Church and his colleagues at Harvard were the first to achieve the feat of encoding data by building chemical bonds within DNA strands in 2012. The coded information of DNA works through a series of chemical signifiers. Researchers can transpose electronic binary into genetic sequences and back again.

Of course, there is an inescapable loose end to these efforts. If these nano-engraved glass disks and encoded DNA strands are found by people in the distant future, how on earth will they successfully decode and understand it?

People in the future will need guiding material to decipher the data codes of our civilisation. They'll also need powerful microscopes to decipher 5D storage and DNA-encoding, and that's just for starters. Scientists are working on pictorial communication to speak across what is sure to be an untraversable gulf in language.

There's every chance those human beings will be living on a planet dominated by super-advanced artificial intelligence. That AI could choose to maintain the record of human culture. Or it might determine the sum of our conscious endeavours to be irrelevant in contrast to its own deep thought.

To paraphrase Carl Sagan, all we can do right now is choose to be hopeful and launch our bottles into the cosmic ocean of time. Whatever the future holds. ☪



TECH

DREAMING OF AFRONAUTS

IN 1960, Zambian teacher and former freedom fighter Edward Festus Makuka Nkoloso, founded the Zambia National Academy of Science, Space Research and Philosophy. With the Space Race in full swing, Nkoloso imagined that his new Academy would threaten US and Soviet domination of space, and usher the newly-independent Zambia into a scientific Golden Age.

In a newspaper editorial published in 1964, Nkoloso revealed his plans to the world: "We're Going to Mars!" cried the headline. Having spent many months examining the Martian surface via a telescope at his secret headquarters, approximately seven miles outside the Zambian capital, he was utterly convinced that the surface is "populated by primitive natives". Of course, we now know this to be incorrect; Nkoloso had presumably fallen for the same optical illusion that led Percival Lowell, in the early 1900s, to claim that Mars' surface was covered in a fine tracery of canals, when in fact he was unwittingly tracing the network of blood vessels scattered across his retina.

Nonetheless, Nkoloso's enthusiasm is admirable, and he boasts of his highly-trained crew: "Specially trained space-girl Matha Mwambwa, two cats (also specially trained) and a missionary will be launched in our first rocket". However, he is careful to act in the spirit of religious pluralism, and generously informs us that he has "warned the missionary he must not force Christianity on the people in Mars if they do not want it".

However, in spite of Nkoloso's gusto—he called upon the Zambian government to both help Zambia "become controllers of the Seventh Heaven of Interstellar space", and "pass strong bills to deal with the satanic plots of our enemies"—both his hardware and the training regimen to which he submitted his astronauts were slightly shambolic. His rocket, named D-Kalu 1 after Zambia's first president, Kenneth David Kaunda, was a two metre by three metre drum made of aluminium and copper;

Nkoloso was adamant that the vessel was spaceworthy. In addition, it is reported that he used a tyre swing to simulate weightlessness, and rolling trainees down a large hill inside a 44 gallon oil drum in order to simulate re-entry.

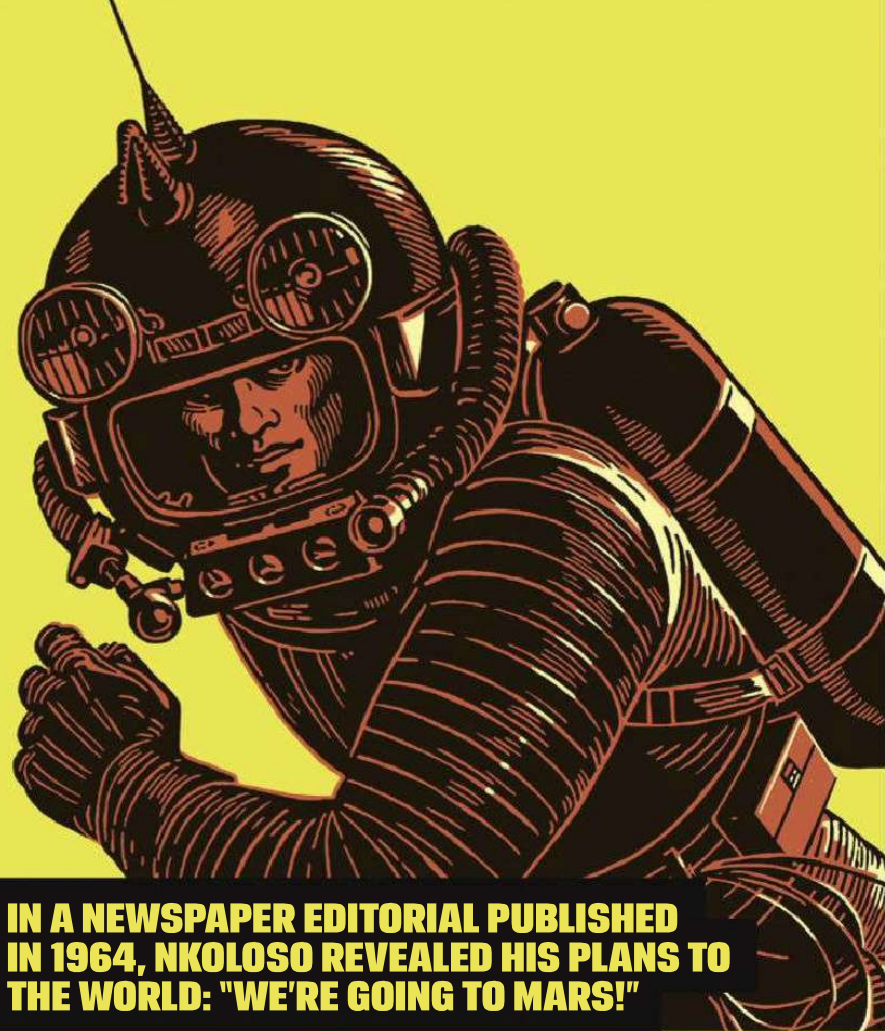
Upon hearing of the Zambia National Academy the foreign press had a field day, using the program as an excuse to mock African technological aspirations. In a 1964 article cruelly headlined "Tomorrow the Moon", Time magazine gleefully trumpeted that "Nkoloso is training twelve Zambian astronauts, including a curvaceous 16-year-old girl, by spinning them around a tree in an oil drum and teaching them to walk on their hands, 'the only way humans can walk on the moon'". Even assuming creative license on Time's part, it is patently obvious that Matha Mwambwa's team was never going to make it into space under their current funding and training regime.

Unfortunately for him—but fortunately for his putative astronauts—Nkoloso encountered some financial setbacks in bringing his dream to life. Particularly painful, though entirely unsurprising, was

UNESCO's unwillingness to respond to Nkoloso's funding request for seven million Zambian pounds, and the purported sabotage of the program by Russian and American spies. Nonetheless, the final comments he offers in the editorial are hopeful: "Zambians are inferior to no men in space technology. My space plans will surely be carried out".

In addition to the Zambian government refusing to take Nkoloso's project seriously his pleas for \$1.9 billion in funding from private sources landed on deaf ears. Perhaps most dispiriting of all, however, was that his space-girl, Matha Mwambwa, fell pregnant, and was convinced by her parents not to return to employment with the Zambian space program. Due to these setbacks, Nkoloso shelved the project at some point in 1969.

The plan was madness, sure, but it was a divine sort of madness. Although it is unlikely that Nkoloso would ever have succeeded, the episode remains a poignant reminder of the power that space travel once had over the popular imagination. ☞



IN A NEWSPAPER EDITORIAL PUBLISHED IN 1964, NKOLOSO REVEALED HIS PLANS TO THE WORLD: "WE'RE GOING TO MARS!"



GAMING

GAMING NEVER LOOKED SO GOOD

Streetfighter V

RECALL a time when playing a game with friends involved sitting around a table, dusting off a board game, and rolling some dice. Well thank god that's no more. Fast forward to 2016. Gaming with friends involves logging onto your console of choice and immersing yourself in a fantasy world, and blood, lot's of blood. You can run around with friends and kill things, or each other. You can take out that pent up anger on your mate, who, might've hooked up with that chick you like but didn't know you liked her. Well, now's the time. Forgive him with a knife in the back, or a headshot, in any of these epic multiplayer games, that we just can't stop playing.

> Rocket League

Rocket league will probably be one of the most fun games you've played this year. It's soccer meets driving in a multi-player arena classic. Like Soccer? Buy it. Like Cars? Buy it. Like Speed? Buy it. Like Teamwork-Based Games? Buy it. Like Flips and Tricks? Buy it. It's like football, but not a complete waste of time.

> Halo 5: Guardians

The ninth installment in the Halo franchise does not disappoint. With an incredible multiplayer mode, Halo 5: Guardians is

perfect for those gaming sessions when you and your mate want to spend the night in, order some pizza, and game on.

> H1Z1 (PC)

If you watch TV, you know that a zombie apocalypse is coming. Therefore, it's best you prepare. Players in H1Z1 compete in large-scale PvP, where you must fight to the death and protect yourself against zombies, beasts and other humans. This one isn't for the faint of heart.

> The Culling (PC)

If you saw Battle Royale, and thought, 'Hey, that looks fun', then this is the game for you. In a remote island paradise, 16 contestants have 20 minutes to explore, scavenge items, craft weapons, build traps, hunt and kill each other. It's like Hunger Games on steroids. It's brutal, and only one of you will be crowned winner. Are you in?

> Street Fighter V

No list is complete without a fighting title. Street Fighter is one of the most accomplished to date. Its gameplay mechanics are impeccable and the visuals are just stunning. Who cares when all you want to do is kick your mates ass. For now, Street Fighter V is one of the best multiplayer fighting games around.



Rocket League

ITS GAMEPLAY MECHANICS ARE IMPECCABLE AND THE VISUALS ARE JUST STUNNING



Halo 5: Guardians

DOOM



FIGHT LIKE HELL

13TH MAY 2016



DOOM.COM

© 2016 BETHESDA SOFTWORKS LLC, A ZENIMAX MEDIA COMPANY. ALL RIGHTS RESERVED.
"X" AND "PLAYSTATION" ARE REGISTERED TRADEMARKS OF SONY COMPUTER ENTERTAINMENT
INC. ALSO, "PS4" IS A TRADEMARK OF THE SAME COMPANY. ALL RIGHTS RESERVED.



Bethesda



BUSTED

DRUGOPOVA

MARIA Sharapova has been caught taking performance enhancing drugs in a sports scandal that has shocked pretty much nobody. Elite sports stars taking drugs is almost a cliché at this point – unfortunately, it's no longer even a disappointment. The drug in question here is Meldonium, a Latvian drug used to treat circulatory issues and neurodegenerative disorders. The drug can also be used to boost the body's oxygen uptake and improve endurance. We're going out on a limb here and guessing that Sharapova isn't suffering from any serious heart conditions.

The drug wasn't on the banned substances list until January this year and she supposedly just 'missed' the memo that it was now no longer permissible. Prior to its addition to the banned list, Sharapova had been taking the substance for 10 years.

The issue here is not really the doping, but the push from sponsors, trainers and fans, for sports stars to perform at superhuman levels. There is also the understanding that if other players are doing it, you would be putting yourself at

a disadvantage for not doing it.

Perhaps we should just permit performance enhancing drugs in the sporting world – isn't that what we really want to see anyway? Superhuman freaks, pushing the limits of belief in a drug-fuelled, no holds barred, sporting spectacle.

Tennis racquet company Head seems to think so, anyway. Whilst most sponsors like Nike and Tag Heuer are slowly distancing

god-awful, lame excuses that they pull out. Remember Warney? - My mum did it. Or, Alberto 'It must've been something I ate' Contador.

To her credit, Sharapova pretty much just 'fessed up straight away. Hands in the air, alright, you got me, I've been bad, and I'm ready to face whatever punishment you got for me. She didn't want to wait for the B test or drag the finding through the legal

PRIOR TO ITS ADDITION TO THE BANNED LIST IN JANUARY, MARIA SHARAPOVA HAD BEEN TAKING THE SUBSTANCE FOR 10 YEARS

themselves from Sharapova like she's an awkward party guest, Head are going, well, full steam ahead, with their endorsement deals. The move has attracted criticism from all over the sporting world for practically rewarding bad behaviour.

All things considered, Sharapova took this one on the chin. One of the best things about these doping scandals isn't seeing a sports star getting punished for trying to sneak one by the drug testers, but the

system. She is however, lightly suggesting that she receive only a year ban for her transgression. Wishful thinking, probably – her being caught is terrible for the game. A significant penalty will send a message to other players. Her profile will make her the perfect candidate for such a message to really hit home, and if the ITF doesn't enforce its rules at the top level, how can they expect lower ranked players or fans to take the game seriously? ➔

POLITICS

THE ARGUMENTS AGAINST DRUG REFORM MAY BE ABOUT TO GO UP IN SMOKE

THERE'S been a sordid feeling in the nation's parliament of late, but behind the raucous debate something quite pleasant has quietly been taking place.

Beyond the sound and fury of partisan politics, Liberal, Nationals, Labor and Greens MPs came together on a bill that has long been in the works, and has now finally been passed into law. In contrast to the bellicose rattling elsewhere in the chamber, the MPs who rose to speak on the bill offered gentle and collegial remarks, as if some chemical had been infused into the body politic, calming the passions of even the stubbornest political warriors. Ian Macdonald, a crotchety Liberal-National senator who has been in parliament since 1990 and enjoys nothing more than belting the Greens, even had some nice words for the party's leader.

And what brought these variant forces together you ask? Weed, as it turns out.

Thanks to legislation recently passed with bipartisan support, it will soon be possible to grow, manufacture, and distribute marijuana in Australia. Before you go out and buy your own bodyweight in Cheezels, however, take note: the laws come with strict conditions, establishing a licence system that only allows the drug and associated cannabinoids to be produced for medical and scientific purposes.

If you try to become a friendly neighbourhood dealer, you're still going to jail. And when the law says 'scientific purposes' it doesn't mean it with the kind of breadth afforded by Japanese whalers. Background and associate checks will be run on those applying for certification,



THANKS TO LEGISLATION RECENTLY PASSED, IT WILL SOON BE POSSIBLE TO GROW, MANUFACTURE, AND DISTRIBUTE MARIJUANA IN AUSTRALIA

and breaches of conditions could see you cop an \$180,000 fine.

But if you happen to be a scientist working on treatments for kids with epilepsy, or a cancer patient who feels physically sick at the very thought of eating, this could be a game changer.

You might associate the Greens most strongly with drug reform, but this law came from a broader push, assisted by MPs across party lines. It's part of a movement that appears to be growing beyond the walls of parliament too.

Just days after the medical marijuana bill passed, President of the Australian Drug Law Reform Foundation, Dr Alex Wodak vowed to defy the NSW Government and offer a 'pill-testing' service. In countries like the Netherlands,

government backed agencies set-up outside dance festivals and offer to run chemical checks on the drugs people bring in, hoping to stop users getting a stronger hit than they realise, or a nasty dose of something different all together. Despite being illegal in Australia, Dr Wodak has made it clear he intends to start offering the service anyway. Police will be faced with an awkward conundrum: let it go ahead, or start arresting doctors.

If the new certification program does allow people with legitimate medical need to assist themselves with the drug, it will only provoke further discussions. If marijuana can be safely used by people with a medical condition, why shouldn't those who want it for leisure be able to access it too?

In some ways, this law was designed to draw out that very problem and force it onto the agenda. Countries like Portugal have had great success with decriminalising even harder drugs like heroin, while others like Ireland are now pursuing similar reforms.

Under the new scheme, some Australians will be able to openly ingest marijuana. The sky won't fall in and many in the community, along with a number of MPs, will keep asking the same question: what next? 



INSIDE INFO: 2016 FORMULA ONE BREAK DOWN

DOWNFORCE

A Formula 1 car achieves a maximum downforce equal to around 2.5 tonnes at 330km/h. A modern Formula One car is capable of developing 3.5 G's thanks to aerodynamic downforce. Theoretically, at high speeds (excess of 150km/h) they could drive upside down in a tunnel.

STEERING WHEEL

The steering wheel is the nerve centre of the race car. Each wheel is designed specifically to suit the needs of each driver. The fully carbon, tailor made device, allows the driver to control dozens of parameters. The driver literally has everything at his fingertips.

A steering wheel costs approximately \$50,000 to create.

BRAKING + ACCELERATION

The principle of braking is simple: slowing an object by removing kinetic energy. Like most road-cars, Formula One cars have disc brakes, albeit far more efficient. A Formula One car can do 0-100 and then back to 0 again in under 4 seconds.



WINNING FORMULA

WITH THE 2016 SEASON IS UNDER WAY, IT'S TIME TO TAKE A LOOK AT WHAT MAKES F1 THE MOST IMPRESSIVE SPORT ON EARTH

THE Formula One car is among the most amazing machines ever made. The steering wheel alone, custom built for each driver, costs more than your average family car, and has dozens of parameters that can be adjusted on the fly, by the driver, without ever taking their eyes off the road – something you want to avoid when you're covering close to 100 meters of ground per second. If the steering wheel is the nerve centre of the car, then the engine is the beating heart – an enormously sophisticated power unit that produces the best part of a thousand horsepower

from a turbocharged 1.6-litre V6 engine – that's the same engine capacity as a Ford Fiesta. Fully integrated with the engine, is an Energy Recovery System (ERS), which harvests (and redeploys) heat energy from the exhaust and brakes that would usually go to waste, to be redistributed throughout the vehicle.

No other race series on earth requires so much of its drivers in terms of stamina and endurance. The vast loadings that Formula One cars are capable of creating, anything up to a sustained 3.5 G of cornering force, means drivers have to be enormously strong to last full

race distances. The extreme heat found in a Formula One cockpit, especially at the hotter rounds of the championship, puts immense strain on the body: drivers can sweat off anything up to 3 kg of their body weight during the course of a race. And of course, there is the behind the scenes. The back-room of your typical Formula One racing garage looks more like a NASA mission control room than it does a garage, which isn't surprising when you consider the massive team budgets – last year, Red Bull Racing alone spent close to \$500 million. 

GEAR CHANGES + RPM

A grand prix driver changes gear between 2500 and 4000 times a race. In the Canadian Grand Prix, for example, a driver changes gear on average every 1.3 seconds.

THE DRIVER

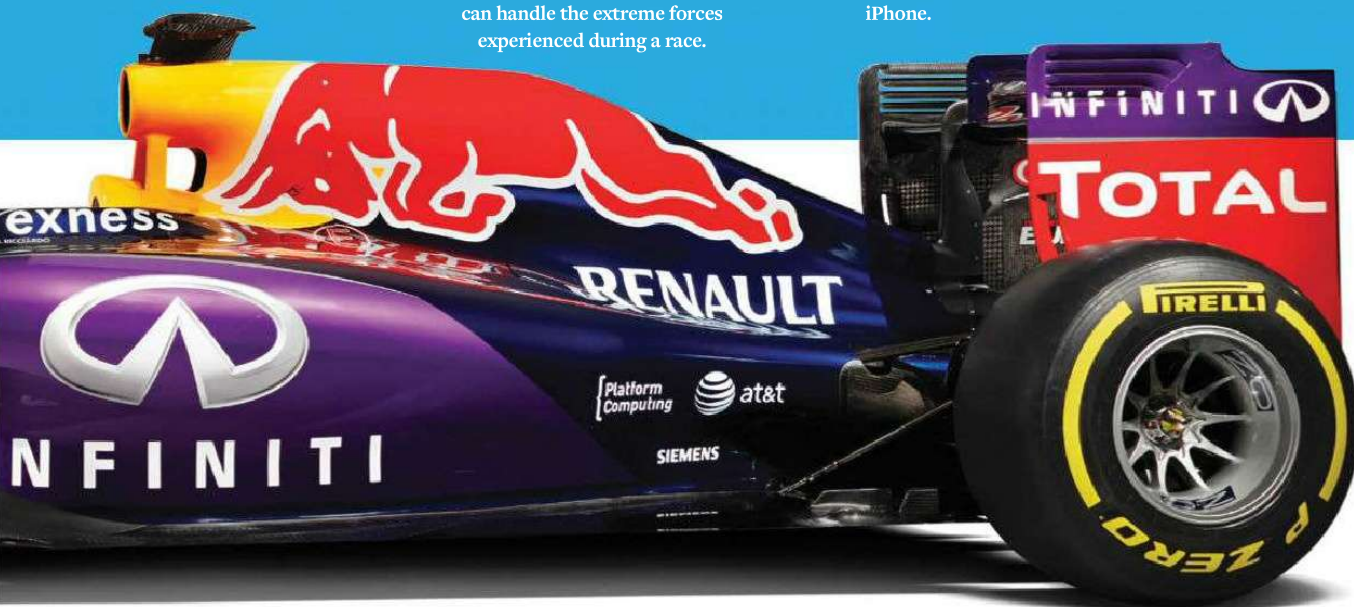
F1 drivers endure physical training that would make an Olympic triathlete tremble: running, swimming, weights and endurance training are all necessary to ensure the driver can handle the extreme forces experienced during a race.

TRACK CLEARANCE

Even at medium speeds, there is typically around a 10-50mm gap between the track surface and a car's plank (the rubbing strip bolted to the car's floor). That's around the width of an iPhone.

THE DATA

A Formula 1 car can record more than 250 channels of data simultaneously. If required, these streams can be monitored at a rate of 1000 times per second.



HANDCRAFTED IN MEXICO.
COVETED WORLDWIDE.

PATRÓN TEQUILA IS MADE IN SMALL BATCHES IN JALISCO, MEXICO, THE HOME OF AUTHENTIC TEQUILA. THE FRUITS OF THAT CRAFTSMANSHIP ARE CHERISHED WORLDWIDE.



SIMPLY PERFECT.

patronspirits.com



www.southtradeint.com.au

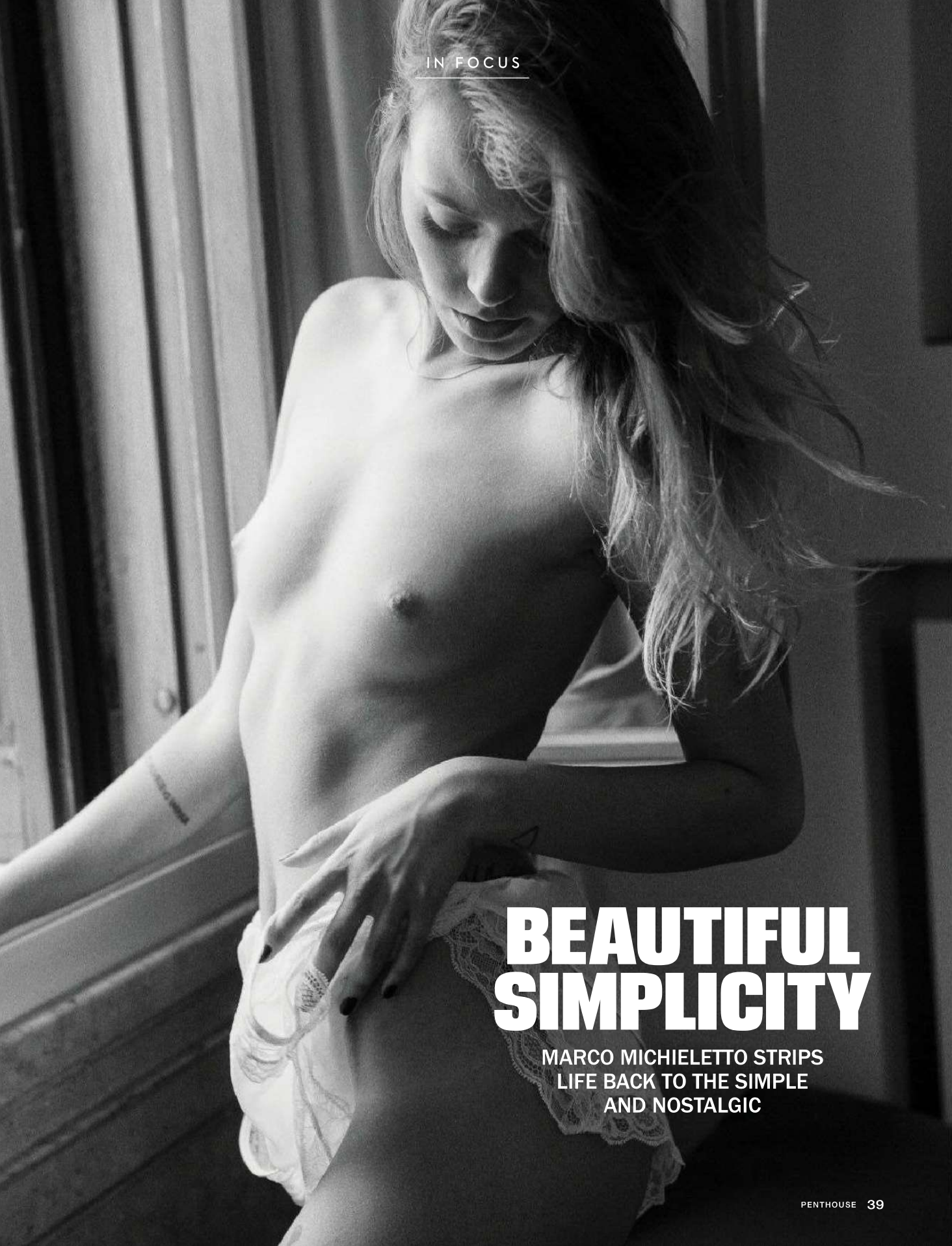


Patron Australia



Simply Perfect Cocktails

The perfect way to enjoy Patrón is responsibly. © 2014 Patrón Spirits International AG, Schaffhausen, Switzerland. 40% Alc./Vol.

A black and white photograph of a woman with long, wavy hair, looking down at her hands in a bathtub. She is unclothed, with her hands resting on the edge of the tub. The lighting is soft, highlighting her skin and the texture of her hair. The background shows the vertical lines of the bathtub's interior.

IN FOCUS

BEAUTIFUL SIMPLICITY

MARCO MICHIELETTO STRIPS
LIFE BACK TO THE SIMPLE
AND NOSTALGIC

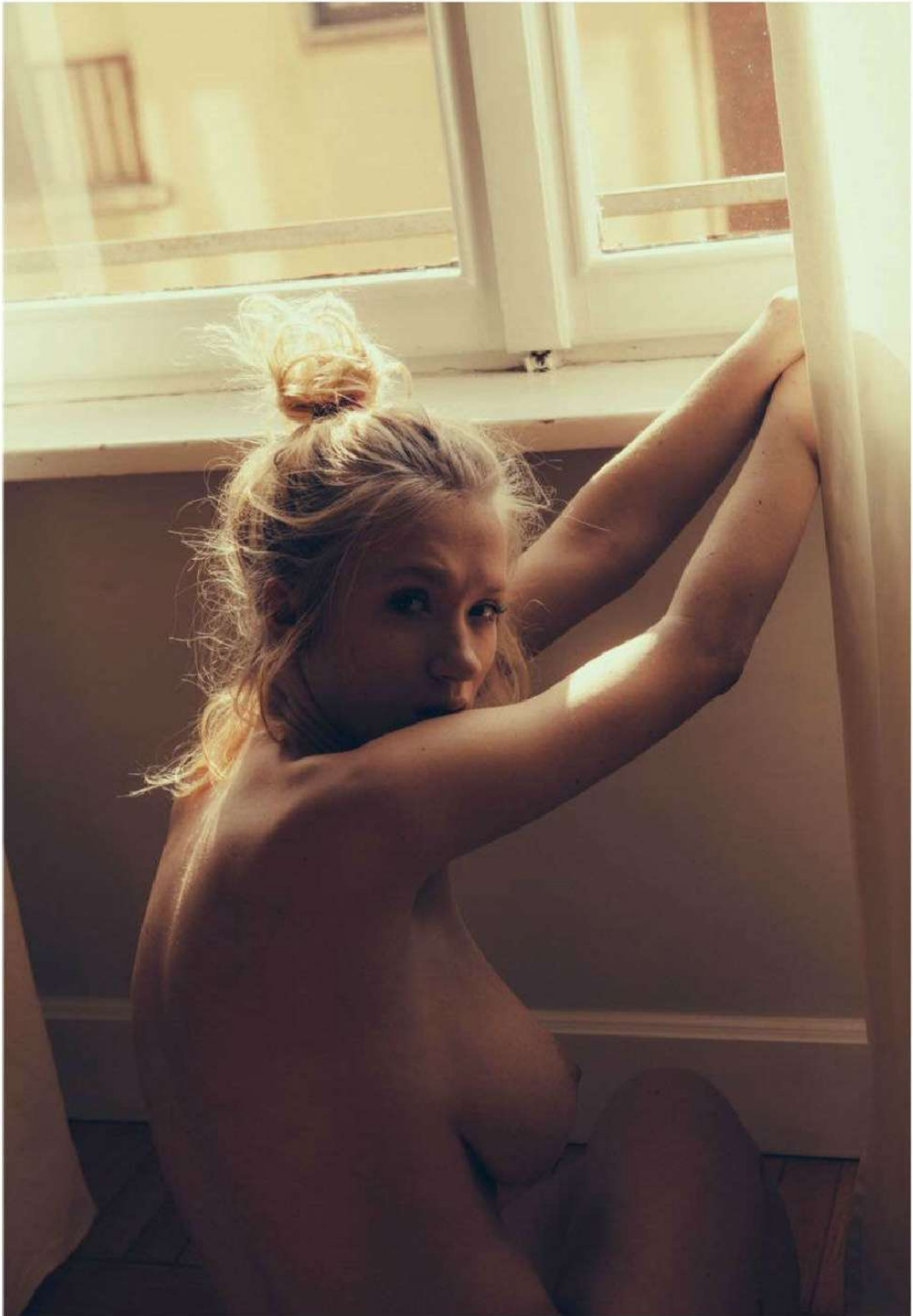


MARCO Michieletto takes photos of life; stripped back, raw and unfettered by distractions. The use of natural filtered light features prominently in his work and helps to establish the simplistic beauty of his denuded models. His photography tells us a story inspired by the simple – the models face, her expressions, her poses – all reveal the harmonic result of a relationship between Marco, his models and

the camera lens. Based in Treviso, Italy, Marco is a self-professed outsider: "I'm not a photographer. I just enjoy taking pictures". Outside the box, but still resonating in a nostalgic way, his photography creates instant memories in our minds. His passion for photography, for his art and for the stories he tells is woven into each shot. Listen closely, and you can hear them whisper tales of youth, innocence, and of moments stuck in time. 









DEJA VU SAKE CO

デジャヴ 酒 カンパニー

出羽
桜

天狗舞



Dewazakura and Tengumai sake is crafted from the finest ingredients and purest local water, brewed using traditional methods passed down for generations.

WWW.DEJAVUSAKE.COM.AU

THE MAN WITH MAGNETISM

PENTHOUSE SPOKE WITH HARD-WORKING, DOWN-TO-EARTH IRISH MAN MICHAEL FASSBENDER ABOUT RETURNING TO HIS ROLE AS MAGNETO, PLAYING STEVE JOBS AND DEALING WITH SUCCESS IN HOLLYWOOD

IT would be hard to find a more pleasant, gracious, and self-effacing actor than Michael Fassbender. He is so happy to have reached the top flight of his profession that he is incapable of feeling anything but “gratitude and satisfaction” over his ability to find meaningful roles. With his Oscar nomination for Steve Jobs further confirmation of his professional standing in Hollywood, the Irish-German Fassbender is about to return to his familiar role as Magneto in X-MEN: APOCALYPSE. This time out, however, he takes his character into far more dangerous and “extreme” territory, joining forces with Apocalypse (Oscar Isaac stepping into the villain role) to punish the human race for “all the pain” that he and other mutants have suffered.

“(Magneto) is at a very low, vulnerable point where he doesn’t really care anymore whether he dies or not or what happens,” Fassbender revealed about the closely-guarded plot details. “He’s somebody who has been injured, somebody who has all his loved ones taken away from him and is someone who is quite singular in his thoughts...So he’s like, ‘Yeah I’ll join this guy. I’ll go on this path of judgment.’”

Directed by Bryan Singer, the film is building considerable hype as potentially the most brutal and explosive instalment in the X-Men franchise. Apocalypse recruits a team of powerful mutants led by a disheartened Magneto to cleanse mankind and create a new world order. As the fate of the Earth hangs in the balance, Raven (Jennifer Lawrence) and Professor X (James McAvoy) lead a team of young X-Men to stop their greatest nemesis and save humanity from annihilation.

The 38-year-old Michael Fassbender lives in New York with Swedish actress Alicia Vikander, 27, who recently won the best supporting actress Oscar for her work in *The Danish Girl*.

Later this year they will be seen in the indie drama, *The Light Between Oceans*, directed by Derek Cianfrance (*Blue Valentine*) while Fassbender also stars in the action blockbuster *Assassin’s Creed*, set for release in December.





CLOCKWISE FROM ABOVE:
Fassbender flying high as
X-men's Magneto; playing
Steve Jobs; and as Assassin
Callum Lynch in the upcoming
film Assassin's Creed



In conversation, Michael Fassbender is relaxed and charming. For our chat at the New York Film Festival where he was promoting "Steve Jobs," he was dressed casually, smiles often and relishes the "new life" that stardom has brought him.

Michael, is it interesting to be able to keep coming back to the role of Magneto?

Magneto is a fascinating guy and a very complex character that I enjoy playing. There's so much tragedy and drama to his life and having been disappointed by human beings so many times in his life he feels a tremendous inner rage.

Even though the X-Men films have given you massive recognition, you've also gone on to establish yourself as a leading man in very serious dramas. Are you still as eager to remain part of the franchise?

I'm immensely grateful to the kinds of opportunities that have opened up to me because of the success and commercial impact of these films. You need that recognition to help get smaller projects financed and that's very important, obviously. But I'm also very appreciative of the kind of writing and storylines that have been developed over the years and the work (director) Bryan Singer has done.

I also don't differentiate between the work I do (on X-Men) as compared to my other roles. We deal with a lot of serious issues that give the films much greater depth and meaning than what is normally the case in these kinds of big commercial projects. And of course working with a tremendously talented cast is another reason I love working on these films.

After enjoying so much attention in recent years and now with another Oscar nomination under your belt for Steve Jobs, are you becoming less shy about your success?

I was very shy about appearing in public and dealing with all the things that comes when you start having success. I'm much better at all that now, although deep down I'm still a very reserved kind of individual. **You don't seem to have changed that much in terms of the way you handle yourself in public or deal with journalists?**

My life has changed enormously since I've become successful, but I don't think I've changed the way I respond to people. I still try to answer questions by stating the

first thing that comes to my head without trying to filter my responses. I've never been someone who really cares about what other people think of me, so I try to be very open and honest and not affect an attitude in public. I spend enough time acting on a film set - I don't need to do that in real life.

You have both an Irish and German background? What kinds of character traits do you think relate to your mixed roots?

I'm very sociable in private and I think that's typically Irish. It's like if you go to a local pub, by the end of the evening you're going to have made friends with a lot of people and learn so many different stories about their lives. There's an inherent curiosity about people.

On my father's side, I have this German notion of the importance of duty and discipline. I believe that hard work is essential to whatever you want to accomplish in life and that you need to work hard at becoming a good actor. Talent alone is not enough.

Do you enjoy getting the chance to speak German?

I usually speak German best if I'm a little drunk. I understand it very well, but despite the efforts of my grandmother to teach me proper German, I still have trouble speaking the language well.

My parents tried to teach me and speak to me in German while I was growing up in Ireland, but as a kid you want to be able to adapt and fit in more than anything else. But in recent years I've tried to watch more films in German and I definitely would like to make a movie in German one day and that would be an occasion to really work on the language. **Do you still enjoy racing cars and riding your motorcycle for fun?**

I love it more than ever. I love the risk-taking element that comes from pushing the limits and pushing yourself as far as you can or in the case of racing pushing a car or a motorbike to the limit. I also really enjoy karting because you can still

feel the sensation of being very close to the ground and the G-forces that you would experience driving a Formula One car, although not to the same level, but without the risk of getting killed.

You need to focus all your attention whenever you're driving a car or riding a motorbike at high speed. It takes you away from whatever stupid worries you might have and it feels very liberating. It's a great form of release.

What did you take away from your work as Steve Jobs and trying to inhabit that man's mind and soul?

I related to his energy and positive way of looking at the world. In our personal manner, we are very different, but I felt inspired by his sense of vision and ability to observe people and understand their tastes when it came to developing products. Actors are always probing into the psychology of their characters, and Steve Jobs was a master psychologist.

Have you become more sophisticated when it comes to using a computer or your iPhone now?

Sadly, I'm still not that tech-savvy. Sometimes when I'm in a restaurant by

"ACTORS ARE ALWAYS PROBING INTO THE PSYCHOLOGY OF THEIR CHARACTERS, AND STEVE JOBS WAS A MASTER PSYCHOLOGIST."

myself I will look at my phone, but usually I like to turn it off and I ask my friends to turn off their phones when we're eating together. I just think it's important for people to be able to communicate directly. Usually you're sitting down at a table and you're constantly seeing people texting and the phones are ringing or going bing-bing from messages coming in. We should still enjoy being able to look at each other and talk rather than be at the mercy of our phones every minute of the day!

What can you tell us about your other new film in the pipeline, Assassin's Creed?

I was a producer on that and it was an incredible experience. I've learnt a lot about the business from doing that. I also enjoyed playing Callum (Lynch). He's kind of lost in life, an outsider. It's an interesting journey that he gets to take. 



DIPLOMAT®

SINCE 1922

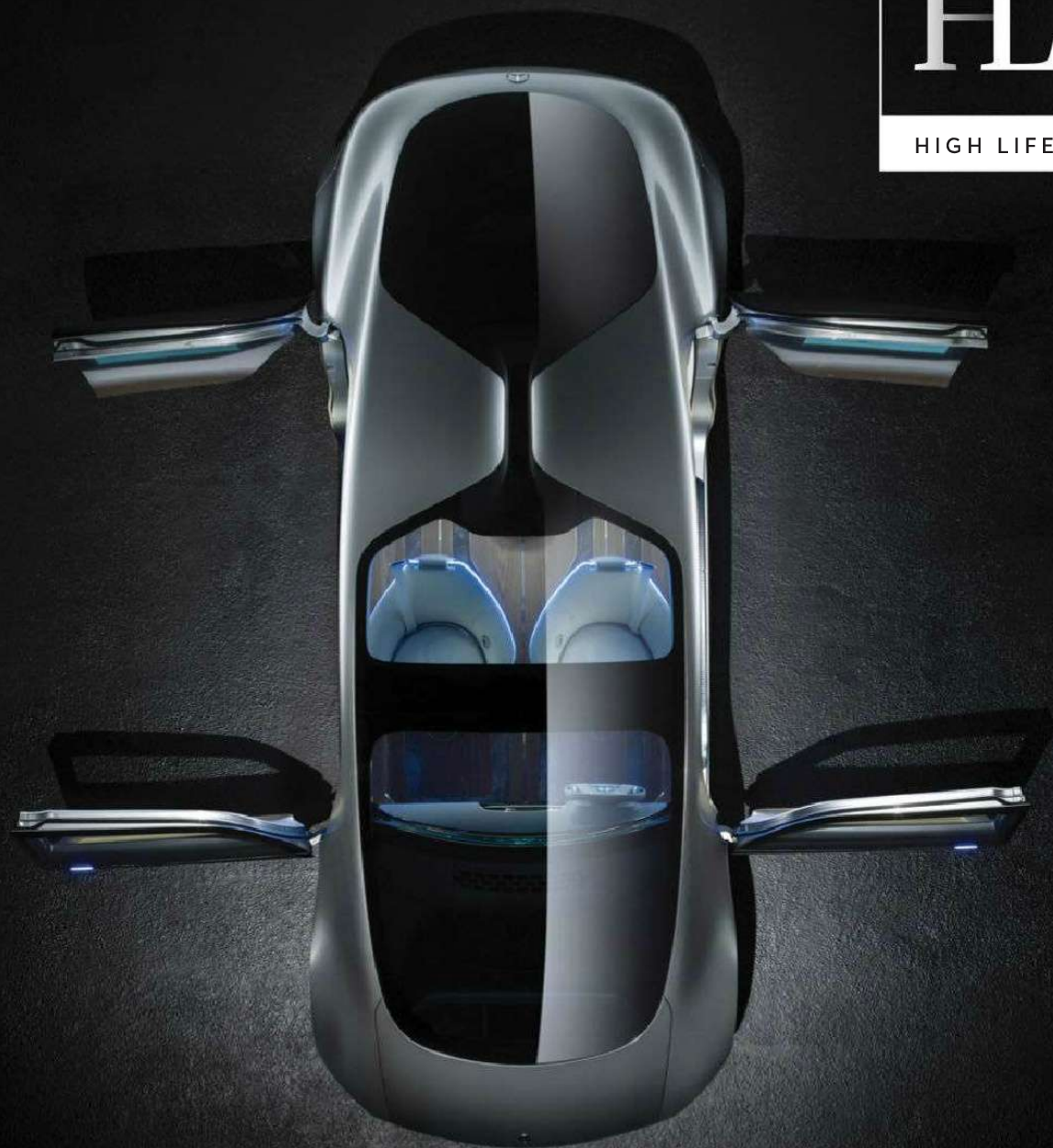


Diplomat Australia
www.startekimports.com.au
03 5156 2298

International
www.diplomat-pen.de
+49 23 59 / 905-131

HL

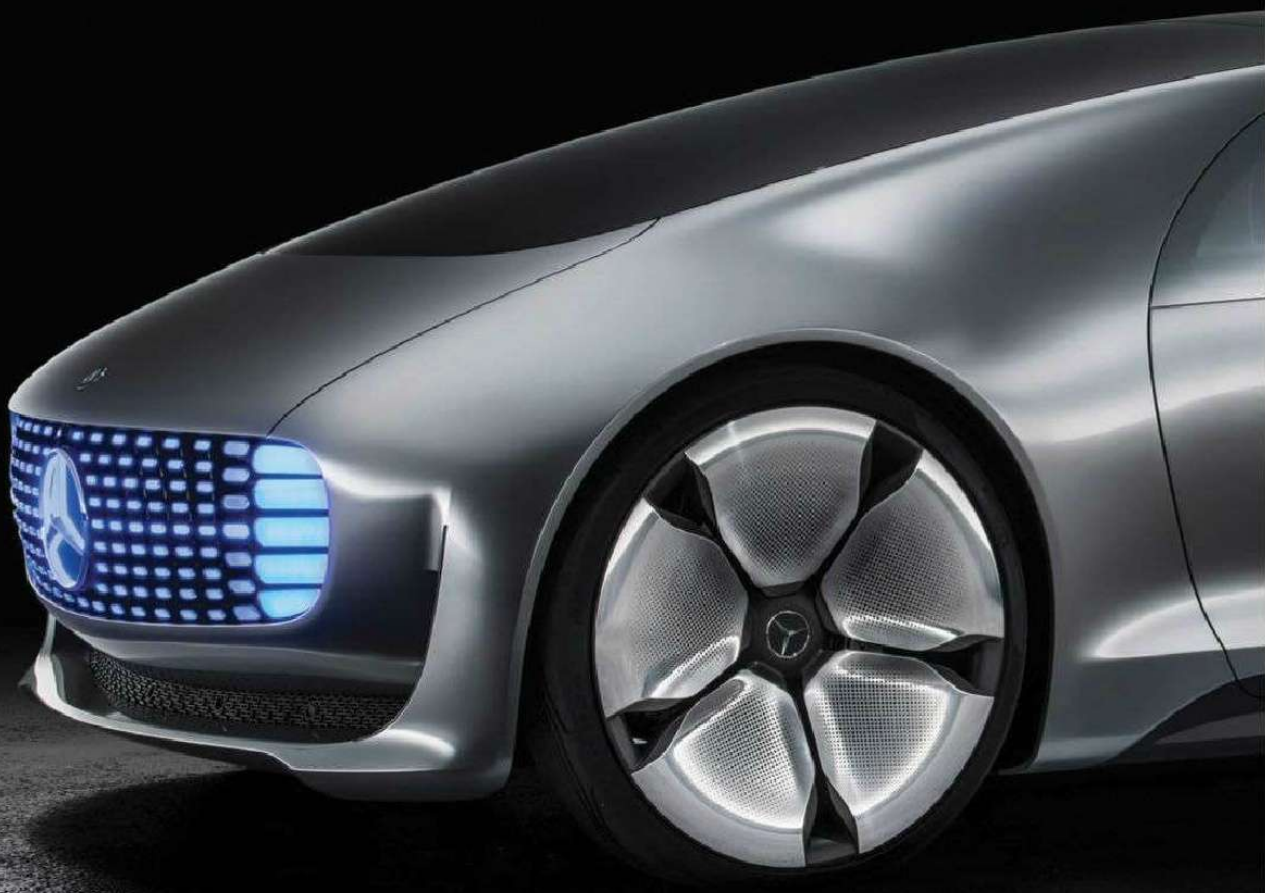
HIGH LIFE



WELCOME TO THE FUTURE

THE MOST FUTURISTIC CARS ON THE ROAD, THE FOUR
HORSEMEN OF THE APOCALYPSE AND THE REVOLUTION IN
THE HOTEL INDUSTRY

REINVENTING THE WHEELS



YOU know cars are fast becoming mobile computers, or even robots when carmakers launch at CES, Las Vegas - the world's biggest tech fest. Ford, Audi, Mercedes, Volvo and lots of others were all there in January showing off driverless, electric or hybrid cars as well as new technologies to make cars smarter, safer and a lot more exciting to drive. With tech companies like Apple or Google also on board, cars now come packed with sensors, software, radar, cloud computing, augmented reality, voice recognition and artificial intelligence to not only help you drive better, but take over completely, needed or not. Today's 'quantified cars' may not be the U.S.S. Enterprise, but they're getting closer.



> MERCEDES F 015

Everyone's doing a driverless prototype these days, but the Mercedes F 015 does it in style. A hydrogen-powered concept car, Mercedes futuristic design re-imagines the interior with open-pore walnut wood, white nappa leather, plexiglass, digital panels and four captain's chairs that swivel to face each other.

> 2017 VOLVO S90

Volvo's crash free promise is all here with pilot assist technology like Collision Avoidance, Pedestrian Detection and Adaptive Cruise Control. But the newly unveiled S90 also wants to be hipper with a sleeker body, portrait-sized infotainment screen, wood grain, and Bowers & Wilkins speakers.



> GLM'S TOMMY KAIRA ZZ EV SPORTS CAR

Japan startup, GLM's Tommy Kaira ZZ, wants to be Asia Pacific's Tesla Roadster. The two seater ZZ looks like a classic sports car on steroids, but is handmade and customizable, goes from 0 – 60 mph in less than four seconds on 305 horsepower, but with a driving range of around 75 miles.



> BMW iVISION

The cool looking iVision also wowed at CES. The 3-screen interface includes 3D visuals, heads up display and 54 cm LCD with Airtouch gesture recognition technology. And in a sign of how close the robot car is, the iVision offers 3 driving modes from full control to autonomous.



> REINVENTING THE WHEELS

> JAGUAR F-TYPE SVR

Built for speed at over 300 km/h, the aerodynamic F-Type coupe or convertible makes science fiction a reality. Electric Power-Assisted Steering, Adaptive Dynamics, Torque Vectoring, and Dynamic Stability Control plus a companion app to start, check and locate it all remotely.





THE LIFE OF BRIAN

THE CEO OF AIRBNB TOOK ON THE HOTEL INDUSTRY, CREATING ONE OF THE LARGEST COMPANIES IN SILICON VALLEY. AT ONLY 34 YEARS OF AGE, HE IS WORTH \$3.3 BILLION.

THE music is pumped up to nightclub levels. A gourmet breakfast featuring fruit, bagels and Philadelphia cream cheese has been laid out before you, prepared by the in-house chef. iPad's hang from the walls – they display today's lunch menu – freshly caught sea bass – or for the vegetarian – tofu steaks. Your colleague gets up from beside you and roller skates away, coffee hanging precariously from his hand. It's 9 am and you've just started your first day at AirBnB.

The CEO of this prestigious, multi-billion dollar company isn't in the office today – well, not this office anyway. Brian Chesky is doing what CEO's do best – jet setting around the world, ensuring that his empire continues to develop and grow. And AirBnB has offices in France, England, Germany, India, Italy – well, you get it.

At only 34 years of age, what Brian Chesky lacks in experience, he makes up for in creativity. He started the company at age 27 with friends in San Francisco. Initially, the idea was simply a way to cover rent for the month. Knowing that all the hotels in the district were booked out due to a conference, the creative housemates thought to buy three airbeds and put them up for rent – and thus Airbed and breakfast was born. Less than ten years later, the company is now valued at an astounding \$25 billion, with over 16 million users worldwide. He has created a revolution in accommodation services the same as Uber has revolutionised taxi services.

DETAILS

NET WORTH:

\$3.3 billion

CURRENT GIRLFRIEND:

Elissa Patel
(they met on Tinder)

HOBBIES:

Reading and hockey. He is known for diving head-on into his hobbies. After receiving hockey equipment for Christmas, he insisted on sleeping in it – pads, sticks, helmet and all.

INSPIRATIONS:

Warren Buffet. After a 4 ½ hour meeting with the billionaire, he was so impressed that he immediately wrote a 3600 word report and sent it to his team. "There are no TVs anywhere. He spends all day reading. He takes maybe one meeting a day, and he thinks so deeply." Chesky says of Buffet. Chesky receives advice from a former CIA-director. George Tenet, the former director of the Central Intelligence Agency is now a managing director at the investment bank Allen & Company. Chesky was introduced to Tenet a few years ago and asked to set up a meeting.

This is disruptive innovation at its finest.

The greatest thing about tech entrepreneurs is that they can turn a simple idea into a fortune. AirBnB and Uber are perfect examples. These apps effectively created a hoteling and car service empire, respectively, without owning any of the necessary infrastructure or assets. This is what is meant by disruptive – the ability to upend and reinvent a traditional industry through the use of technology, and with a number of billionaires under the age of 40, it seems to be a young man's game. AirBnB disrupted by taking advantage of the sharing economy – instead of needing billions of dollars to construct accommodation all around the world – why not use pre-existing locations, like people's houses for example? They can rent out their house short term and make some money on the side, and the app is simply the connecting point for customer and provider. This is the power of a good idea combined with imagination and technical know-how – this is how you make billions in tech.

You get up from your seat and head off to your next meeting. There is an air of excitement surrounding everything at AirBnB – a real sense of purpose – like there's something new to be conquered every day. Creativity, ambition and imagination are what allowed AirBnB to go from a few airbeds on the floor of an apartment in San Francisco to the multi-national empire that is upending the hoteling industry. You focus and try to stay sharp, you never know, maybe the boss will be in town today. ☺



1



2



3

AIR BNB FOR THE CASHED UP BACHELOR

NOTHING quite says, "I'm doing real good", like a pimped out, plush-as-hell bachelor pad. The bachelor pad, or 'bach pad', as it's affectionately known among mothers, girlfriends, and one night stands alike, is your unofficial resume. It's a place to unwind, kick back and relax. It's your place to turn it up, pour a whisky and party. Now, we understand, not everyone can afford a two-story bachelor pad in the middle of New York. We know this. What we also know, is that you can afford a weekend with your girlfriend, one night stand, or, if you're a good son, your mother (we're not judging you), in one of these fine bachelor pads listed below, thanks to Onefinestay.com.

1 / Jane Street Townhouse II – West Village, New York

New York city is the ultimate single guy retreat, with about one million more single women than men. No need to do the maths, that's a lot. Jane Street Townhouse takes the cake as the perfect bachelor pad. Sleek open living, lounges that you can get lost in, a fireplace and a massive, open plan bedroom makes for one hell of a pad. The hard part won't be getting girls to come over, but getting them to leave.

2 / Elsham Road III – Kensington Olympia, London

Burnished walls, low-slung furniture, polished wood and scarlet leather – these rooms are decadence incarnate. It's a place to indulge, enjoy, kickback and feast. A stone throw from high-end restaurants, snazzy cafes and London's West End, it's all here. Or, you can sit back and sip champagne by the marble fireplace, and watch the flat screen TV with your feet up on the walnut table. It's your bachelor pad for the weekend, do what you want.

3 / Avenue de la Bourdonnais III – Eiffel Tower, Paris

Who doesn't secretly want a bachelor pad overlooking the Eiffel Tower? We do. After you're done sipping champagne, romancing, and appreciating the Parisian skyline, you can head up to the fifth floor to enjoy the rest of the pad. This place oozes style and elegance, and is the perfect weekend getaway for you and your girl. Think marble-tiled ensuite, silk curtained windows, Eiffel Tower back drop, open plan living space, and a long balcony to enjoy the fresh Parisian air. Can you say architectural aphrodisiac?

4 / Nichols Canyon – Hollywood Hills, Los Angeles

Situated just minutes outside of downtown Hollywood, Nichols Canyon sits snugly at the base of the Hills. If you, your mates, or your girl, like gardens and open living areas, then this place is going to tick all the boxes. The backyard is bordered by thick hedges, so the neighbors won't be any wiser to the shenanigans taking place inside. There are private patios, outdoor dining areas for bbq's, a master bedroom with an ensuite and freestanding bath and a massive, open-space lounge room. This place is the ultimate weekend bachelor pad.

5 / Rue du Commerce – Eiffel Tower, Paris

Looking for somewhere quiet and romantic? Paris, the city of love has your name on it. Down a cobblestone lane, layered with moss and leaves, lays rue du Commerce. For those of you who are looking for a little rest and relaxation, this country hideaway has your name on it. 🍷🍷







BUSINESS

THE FOUR HORSEMEN OF THE APOCALYPSE

APPLE, Amazon, Google and Facebook, or the Gang of Four, as some call them, have come to define the glittering promise of technology. In a very short space of business time these four humble startups became the world's most valuable and profitable companies by expertly mining a digital, online world and disrupting the way commerce had been done for decades.

Together they've driven technology and web connectivity in to every corner of our lives through constant reinvention, ubiquitous marketing and a voracious appetite to buy up other companies and startups on the cutting edge of the next big thing. And making themselves indispensable to most of us in the process.

All that wealth and the unprecedented control of billions of people's personal data have made them some of the most powerful companies in history, but it also holds major risks for all four. Consumers are growing uneasy about the privacy and security of their information, while governments are increasingly turning to the courts or new laws to either change the way the Big Four do business, or force them to comply with their rules—especially on tax.

But, technology's relentless pace may just be their biggest threat. All four have rapidly morphed into multinational corporations, offering a growing range of consumer electronics, software and services, often in direct competition with each other. Expect that to get even more crowded as they now jockey to win in areas as wide spread as cloud computing, e-health, driverless cars, AI, Virtual or Augmented Reality, smart homes, e-commerce, entertainment or mobile connectivity.

It suggests that as these prodigious companies become more alike, their battles with each other to find new sources of revenue and please increasingly demanding customers, will get a whole lot tougher. 

	Apple	Amazon	Google	Facebook
Market Capitalization	\$529B	\$267B	\$547B	\$300B
Started	1976	1994	1988	2004
Forbes Value Rank 2015	1	13	3	10
Customers	1B Apple devices in active use	Over 1B items delivered 2015	Over 100M Google searches a month	1.59B users
New Business interests	Gesture & facial recognition, music streaming, augmented reality	Logistics, robotics, drone, video streaming	Gesture & facial recognition, robotics, smart home, AI	Instant messaging, Virtual Reality, Augmented Reality, speech recognition

TOP 10 TECH EARNERS

Making the Forbes top 10 tech earners list isn't easy. A mix of entrepreneurs, arts / science students, drops outs, and self made billionaires top our list.



BILL GATES: \$76 B

Age: 60 | Education: Drop Out
Source Of Wealth: Microsoft, Self Made



JEFF BEZOS: \$49.8 B

Age: 52 | Education: Bachelor of Arts / Science
Source Of Wealth: amazon.com, Self Made



LARRY ELLISON: \$47 B

Age: 71 | Education: Drop Out
Source Of Wealth: Oracle, Self Made



MARK ZUCKERBERG: \$46.1 B

Age: 31 | Education: Drop Out
Source Of Wealth: Facebook, Self Made



LARRY PAGE: \$35.6 B

Age: 42 | Education: Bachelor of Arts / Master of Science
Source Of Wealth: Google, Self Made



SERGEY BRIN: \$ 34.8 B

Age: 42 | Education: Bachelor of Arts / Master of Science
Source Of Wealth: Google, Self Made



STEVE BALLMER: \$ 21.6 B

Age: 59 | Education: Drop Out
Source Of Wealth: Microsoft, Self Made



MICHAEL DELL: \$19.1 B

Age: 51 | Education: Drop Out
Source Of Wealth: Dell, Self Made



PAUL ALLEN: \$17.6 B

Age: 63 | Education: Drop Out
Source Of Wealth: Microsoft, Self Made



ELON MUSK: \$ 13.3 B

Age: 44 | Education: Bachelor Of Arts / Science
Source Of Wealth: Tesla Motors, Self Made



FILTHYLOOK.COM
STREETWEAR | LIFESTYLE | FILTH

**CASEY
AFFLECK**

**CHIWETEL
EJIOFOR**

**ANTHONY
MACKIE**

**AARON
PAUL**

WITH **WOODY HARRELSON**

AND KATE
WINSLET

A DEADLY HEIST
NEEDS A KILLER DISTRACTION

TRIPLE 9

FROM THE DIRECTOR OF **LAWLESS**

[illegible]

MA 15+
RESTRICTED

Strong violence
and coarse
language

IN CINEMAS NOW



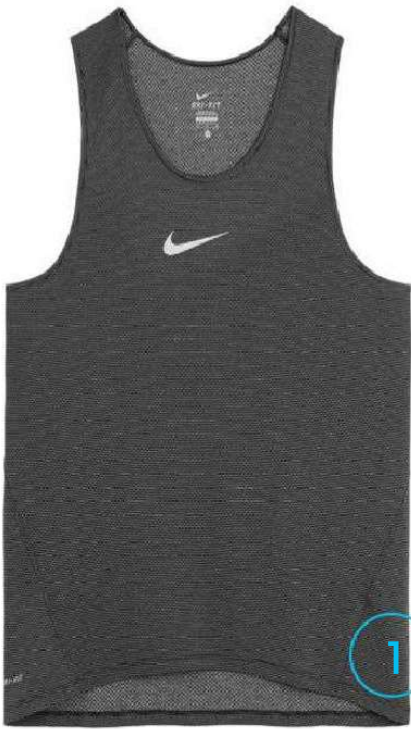
B

BESPOKE

TECH STYLE

THE LATEST AND GREATEST IN ALL
THINGS TECH, GADGETS AND APPAREL.

KICKS, NIKE, \$180, NIKESTORE.COM.AU / WIRELESS HEADPHONES, AEDLE, \$499, TOP3.COM.AU / PIMA COTTON TEE, GRANA, \$22, GRANA.COM /
SPORT TEE, H&M, \$29.95, HM.COM.AU / LAYERED MESH TEE, KARL LAGERFELD, \$280, VARQAHOMME.COM.AU / VAPODRI TEE, CANTERBURY, \$59.95,
CANTERBURYNZ.COM.AU / FACTORY LITE PULLOVER, OAKLEY, \$99.95, OAKLEY.COM.AU / 100% COTTON HOODIE, \$29.95, 21 MEN, (02) 8937 0346



TECH CLOTHING

FASHIONABLE things happen when you mix technology and apparel. Check out the latest trends in everyday wear.

1 / NIKE DRI-FIT AEROREACT COLLECTION

TANK \$100 NIKESTORE.COM.AU

Nike's new dri fit singlet uses AeroReact technology. When you start sweating, the shirt loosens up and makes it easier to breathe. It also has a layer of insulation that traps just enough heat for you to remain warm in cool weather. If it's warm the top has laser-cut holes that allow heat to escape.

2 / LE COQ SPORTIF VENTURE VEST, \$99.95,

LECOQSPORTIF.COM.AU

Made from 100% nylon and quilted material, this vest from Le Coq Sportif features contrasting black and white stripes – great for those who want to make a strong statement.

3 / LE COQ SPORTIF R950 JACQUARD

SNEAKERS, \$139.99 LECOQSPORTIF.COM.AU

These sneakers can boast more than just a fantastic embroidered logo. They're also super light and have an EVA flex sole. We won't go into the exact science of it, but it boils down to this: these shoes are really flexible and soft to wear, making that morning jog or walk to work that much more enjoyable.

4 / H&M SPORTS GILET, \$29.95 HM.COM/AU/

How is this gilet different from others that came before it? Two words: fast dry. This baby dries super quickly.

5 / BEN SHERMAN MA-1 FLIGHT JACKET

\$349.95 BENSHERMAN.COM.AU

Ben Sherman and Alpha Industries newest flight jacket is made from real military nylon. The result is durable, versatile and waterproof. The collaborative jackets include both the famous Ben Sherman Harrington pocket tab with the Alpha Industries' sleeve pocket and leather zip puller.

6 / NIKE HYPERSPEED WOVEN TRAINING

SHORTS \$60 NIKESTORE.COM.AU

Made from the same dri-fit material as Nike's AeroReact tops, these shorts use the same awesome innovations to help you stay cool and dry during those hard workouts. Best of all? They're incredibly comfortable.

7 / OAKLEY FLEECE PANTS \$69.95 AU.OAKLEY.COM

A sweet combo of rib cuffs, cotton and an embroidered ellipsis logo, make these pants both stylish and comfortable. The pants also have a wide rib waist with a drawcord that gives you a more personalised fit.



TECH CLOTHING

8 / TEAM M8 TOURNAMENT T-SHIRT \$64

TEAMM8.COM

The jacquard print design and dark fabric makes this shirt look good. 100% seam free means it will handle whatever you throw at it, whether you lift, run, ride or stretch. It also has an enhancing fit, so you can really show off those new muscles.

9 / NIKE LUNARLON \$220

NIKESTORE.COM.AU

This new series from Nike put its new Lunarlon foam front and centre. Lunarlon offers super soft, responsive cushioning and is designed to make both walking and running as comfortable as possible. It doesn't hurt that they also look as good as they do.

10 / H&M SEAMLESS BASE LAYER TOP \$29.95

HM.COM/AU/

Not only is this base layer top from H&M made from quick dry fabric, it's also totally seamless. It'll definitely help to keep you from getting that awful sweaty sticky feeling no matter what you're doing.

11 / GRANA PIMA LONG SLEEVE CREW \$36

GRANA.COM

The new shirt from Grana is made from Pima Cotton. For those who don't know, Pima Cotton is the fabric responsible for some of the most durable and softest clothes out there. This stylish long sleeve shirt is also a relaxed slim fit so you can use it as a base layer or alone, making it perfect for every season.



KEEP IT SOLID. RUN THE STATE.

**SOLID
STATE**
COLOGNE

JOURNEYMAN

SOLIDSTATEFORMEN.COM

**SOLID
STATE**



LATEST IN GADGETS

WE'VE got you covered for the freshest gadgets in tech. Check out the hottest new styles hitting stores now.

1 / **SONY WIRELESS HEADPHONES \$349.95** SONY.COM.AU

The Sony's MDR-10R BlueTooth Headphones 'wireless headphones' provide complete connectivity to any of your Bluetooth devices with just a simple touch. It has a 40mm driver unit and offer beat response control and nothing but the highest sound quality.

2 / **GOPRO HERO4 SILVER \$599.95** GOPRO.COM

The GoPro Hero4 Silver is the first ever with a built in touch display. With this new addition and a simplified menu, this is possibly the easiest GoPro to use. It also has a great microphone and is waterproof to 40m.

3 / **JBL CLIP \$79.95** JBHIFI.COM.AU

The JBL Clip+ is a speaker which boasts portability and great sound quality. Make calls, listen to tunes, and clip it onto your backback, or pants, with it's built in carabiner.

4 / **LIFEPROOF IPHONE CASE \$129.95** LIFEPROOF.COM

This lifeproof case is the ultimate in iPhone cases. It's waterproof, dirt proof, snow proof and even drop proof. You're free to take your tech with you into every soggy, muddy hard-knock adventure.

5 / **NIKE FLYKNIT LUNAR 3 MEN'S RUNNING SHOE \$220**

NIKESTORE.COM.AU

The Nike Flyknit Lunar 3 Men's Running Shoe pairs plush cushioning with an ultra-lightweight, incredibly strong Flyknit upper to help keep you comfortable and running for miles. The light yet strong Flyknit delivers seamless, supportive comfort. The one-piece upper integrates a tightly woven denser knit in the heel for enhanced support and a looser, more open weave in the midfoot and forefoot for stretch and breathability.

6 / **SONY XPERIA \$799** SONY.COM.AU

Sony's new Xperia Z4 Android tablet is going to make you drool. It has a 2560x1600, live colour LED display and incredible processing power with a 64-bit Octa-core Qualcomm Snapdragon 810 processor. The tablet is visually stunning, 6.1 mm thick and weighs just 389 grams, the lightest tablet in its class. If that's not enough, it also has the highest water and dustproof rating across all mobile devices. Raining? Not a problem for this bad boy.

7 / **JBL REFLECT MINI \$169.95** JBHIFI.COM.AU

As the name suggests, JBL's reflect mini sports headphones were designed to thrive in even the most intense sporting environments. Lightweight and sweatproof, these headphones were designed to stay in position regardless of the workout you're doing. On top of that, these headphones also have incredible sound quality, a one button remote and a mic. They're so small and light, you'll probably forget you're wearing headphones at all.

8 / **GARMIN VARIA REARVIEW RADAR \$389** GARMIN.COM.AU

For the cyclists, this rearview radar from Varia is a must. The radar will show you how many vehicles, as well as their speed, at a distance of up to 140 meters. It works independently, with other compatible Edge cycling computers and has a flashing tail light to notify traffic of your presence.



1



ESSENTIAL GADGETS

IF that wasn't enough to satiate your tech hunger, we've got more. Get on it.

1 / **BRAUN CLOCK \$65 AVAILABLE AT TOP3 BY DESIGN AND BIJOUX TOP3.COM.AU** BIJOUX.COM.AU

Stylish, this clock is designed with practicability in mind. It has a reverse LCD display, a high visibility backlight, and everyone's best friend; the snooze function. It's easy to use and can quickly be set to 12 or 24 hour display.

2 / **LG 360VR** PRICE TBC UPON LAUNCH

LG's 360 VR is the latest entry into the mobile virtual reality world. How does it differ? Instead of plugging your phone into these glasses, you plug your phone into them. That means that the LG 360 VR is much lighter, sleeker and cooler than its peers.

3 / **BLUE SMART \$599 AVAILABLE AT STRANDBAGS** STRANDBAGS.COM.AU

This electronic suitcase allows you to charge any USB chargeable device up to 6 times with its incredible 10 000 mAh battery and twin USB ports. The Bluesmart also has a built in location tracker, meaning that you'll always know exactly where your luggage is. On top of that, it has a built in scale, a digital lock and a distance alert that lets you know whenever you leave the Bluesmart behind.

4 / **APPLE MACBOOK \$1799** APPLE.COM/AU

Apple's newest Macbook is their thinnest and lightest ever. It's lighter and more powerful. At just 13.1mm thin and 920g light, the new Macbook features a 12 inch retina display, a new Force Touch trackpad and a USB-C port. It's everything you want in a laptop, just sexier.

5 / **GARMIN VIRB XE \$399** GARMIN.COM/EN-AU/

The VIRB XE is Garmin's latest action camera. It shoots rich, high-definition, wide-angle footage at 1080p60, 12 megapixel photos at up to 30 frames per second, and captures more of your action. Designed for the toughest environments, VIRB XE is able to dive to 50 meter depths without a case and captures clear audio.

6 / **SONY SOUND BAR HT-NT3 \$899** SONY.COM.AU

That's the beauty of Sony's HT-NT3 High-Resolution Audio soundbar and wireless subwoofer, it provides endless entertainment in a slim and stylish body. Thanks to the subwoofer's front duct that enables HT-NT3 to reproduce powerful bass. So now any choice of movie, show and music is more immersive and breath-taking than ever.

HT-NT3 is also equipped with HDCP 2.2 that allows you to enjoy 4K playback.

2



3







LATEST IN GROOMING

A / GILLETTE'S FUSION PROGLIDE SHAVE GEL + SKIN CARE 2-IN-1 \$8.49 GILLETTE.COM.AU

The 2 in 1 formula hydrates and protects your skin while saving you valuable morning time.

B / REMINGTON BARBER'S BEST HAIR CLIPPER AND BEARD TRIMMER RRP \$79.95

REMINGTON-PRODUCTS.COM.AU

Contains a heavy duty stainless steel bladed clipper, eight multi-length trimming guides, barber scissors, cleaning brush and storage pouch.

C / NIVEA MEN ORIGINALS REPLENISHING POST SHAVE BALM \$11.36 NIVEA.COM.AU

If your skin gets irritated from shaving this is the product for you. It's a mild, non-greasy moisturiser with vitamin E and provitamin B5.

D / VS SASSOON HAIRDRYER THE MILANO IS \$109.95

VSSASSOON.COM.AU

With 2200 watts of drying power and airflow speed of 120 kilometers per hour, it's going to give you fast drying results.

E / GILLETTE FUSION RAZOR \$16.40 GILLETTE.COM.AU

Its unique FlexBall allows the blade to pivot, bringing another range of motion to shaving.

F / REMINGTON RAPID CUT HAIR CLIPPER \$99.95

REMINGTON-PRODUCTS.COM.AU

With a perfect palm fit, this tool will let you manage your mane from front to back. The device incorporates curve cut blade technology with premium stainless steel blades to deliver a quick, powerful cut.

G / VS SASSOON I-STUBBLE IS \$64.95

VSSASSOON.COM.AU

The I-Stubble gives you the option to maintain a short, shadow stubble effect or a more rugged look with minimal effort.

H / GILLETTE BODY RAZOR \$10.49 GILLETTE.COM.AU

Man-scaping is on the rise and Gillette has built three lubricating strips in to the razor to deal with body skin that tends to be drier and more sensitive than facial skin.

I / NIVEA MEN CRÈME \$7.99 NIVEA.COM.AU

This cream is the best bang for buck. It's light and non-greasy formula absorbs fast and features a fresh, masculine scent.

J / DMK ACU-THERM \$29 DANNEMKING.COM

The ultimate tool for great skin. When applied, the problem areas will heat up, soften sebum plugs, and flush any backed-up fluid and bacteria trapped within the pores.

K / CLINIQUE FOR MEN MAXIMUM HYDRATOR \$65

CLINIQUE.COM.AU

Rehydrates dry skin and triggers the skin's ability to build and retain moisture. Apply morning and night after shaving and your girl won't be able to keep her hands off you.



LATEST IN SKINCARE

CLINIQUE SKIN SUPPLIES FOR MEN ANTI-FATIGUE COOLING EYE GEL

\$52.00, CLINIQUE.COM.AU

A fragrance free liquid gel-serum to instantly cool and refresh puffy eyes on contact while reducing the appearance of dark circles.

HANDSOME FACIAL WASH

\$29.95, HA.NDSO.ME

This facial wash removes excess oil and grime from the skin with ingredients specially developed to unclog pores.

THE BODY SHOP FOR MEN MACA ROOT RAZOR RELIEF

\$19.95, THEBODYSHOP.COM.AU

A lightweight, smooth balm with aloe vera, botanicals extract and witch hazel which takes the irritation out of shaving.

LUSH, KALAMAZOO BEARD AND FACE WASH

\$18.95, LUSH.COM.AU

A creamy face wash that cleanses the skin and eliminates dirt, with almond oil, jojoba oil and capuacu butter to leave beards soft.

NEUTROGENA MEN'S COOLING CLEANSING GEL

\$13.99, NEUTROGENA.COM.AU

A cleansing gel that works effectively to remove all surface dirt and oil down to pores. Great if you have problem skin.

GEORGE WOLFENBEAR BEARD OIL SLATE EDITION

\$35, GEORGEWOLFENBEAR.COM

With a sweet balance of five all natural oils including grape seed, jojoba, virgin argan, sweet almond and meadow foam; George Wolfenbear's beard oil is specially formulated to assist in the growth, maintenance and curation of magnificent beards.

EDITORS'
CHOICE





WATCHES WITH TECH

THESE days there's way more to a watch than just the time. The Tom Tom spark watch has GPS tracking, multisport mode and over 500 songs of music storage. The Machinus, from Diesel, sports a stainless steel case made from scratch proof resistant mineral crystal. Currently hot on the market is the Breitling Exospace B55 connected. With the ability to simultaneously indicate two timezones you can also connect it to your smart phone to display your appointments in hours and minutes. If you're after something more classic, there's TW steel's grandeur tech and Bering's time classic collection. Both carry a sleek design crafted with innovative sapphire crystal making it virtually impossible to scratch.

TOM TOM SPARK WATCH, \$349, TOMTOM.COM.AU / BREITLING EXOSPACE B55 CONNECTED \$11,930, BREITLING.COM / DIESEL, MACHINUS, \$599, 02 8977 8012 / BERING TIME CLASSIC COLLECTION AVAILABLE AT BIJOUX, \$275, BIJOUX.COM.AU / TW STEEL GRANDUER TECH, \$799, TWSTEEL.COM.AU / PROPS / HARMAN KARDON SOHO HEADPHONES, \$299.95, JBHIFI.COM.AU / JBL CHARGE 2 SPEAKER, \$179.95, JBHIFI.COM.AU



COFFEE
AND
CO.

WWW.COFFEEANDCO.SYDNEY



MARS WHISKY

Iwai
Blended Whisky



Iwai Tradition
Blended Whisky



Traditional, pot still whisky from the Japanese Alps.
Distilled in Nagano using only the finest ingredients.

DEJA VU SAKE CO

デジャヴ 酒 カンパニー

DEJAVUSAKE.COM.AU



gt

GOOD TASTE

AGED TO PERFECTION

"TOO MUCH OF ANYTHING IS BAD, BUT TOO MUCH GOOD
WHISKEY IS BARELY ENOUGH" - MARK TWAIN



THE NEW WORLD OF WHISKY

THE WORLD'S BEST WHISKY IS NOW WITHIN STUMBLING DISTANCE



MAY 21 is World Whisky Day. And the world of whisky now stretches far beyond the land of kilts and haggis. Countries like Japan, New Zealand and Australia are at the forefront of this new wave, creating whiskies that are in part inspired by the traditions of Scotch making and at the same time radically different. Unique malts, different climates and an innovators' attitude mark these distillers and the wonderful whiskies they are creating.

■ AUSTRALIA

Two-thirds of all Australian whisky comes from Tasmania's eight distilleries. Tasmanian whisky is based on Scottish traditions but local barley leads to a malty character and the climate results in faster ageing time.

> Three to try:

Lark Distillery, Single Malt Cask Strength : A high strength Tasmanian whisky, with hints of floral notes and a malty taste.

Sullivan's Cove, French Oak Single Cask: Matured in French oak port casks, this award-winning whisky is the cream of Tasmania's crop.

Bakery Hill, Single Malt Whisky: Produced in Ballarat, this smooth single malt is the best of the mainlanders.

■ JAPAN

From its distillery in the Japanese Alps near Nagano, Mars Whisky produces a range of sought-after single malts and blends. The distillery's location, 800-metres above sea level, allows for slow maturation and access to the region's pristine

granite-filtered water. Japan has two other large distillers – Suntory and Nikka.

> Three to try:

Mars Iwai Tradition Japanese Whisky: A soft and layered blended whisky with a full-bodied palate, aged in a combination of sherry, bourbon and oak casks.

Suntory Yamazaki Single Malt 12 Year Old Whisky: The renowned Japanese take on Scotch has a smooth and mellow taste with hints of fruit and spices.

Nikka from the Barrel Japanese Whisky: A blend of both grain and malt whiskies, this full-bodied whisky is a great introduction to Japanese blends.

■ NEW ZEALAND

Both the New Zealand Whisky Company and Thomson Whisky have acquired barrels from the defunct Willowbank Distillery which shuttered in 2000. These companies release single malt and blends based on these twenty-plus-year-old whiskies.

> Three to try:

The New Zealand South Island 23 Year Old Whisky: aged in bourbon barrels, this 100% malted whisky is one of New Zealand's finest.

Thomson Whisky 18 Year Old Single Malt: From Willowbank Distillery stock, small-batch, double gold medal award-winning single malt.

The New Zealand DoubleWood 15 Year Old Whisky: a blended whisky aged in American oak and French Pinot Noir barrels with malty characteristics. ☞



AMAZING DEVELOPMENTS IN FOOD TECHNOLOGY

WHEN the U.S. military quizzed soldiers on what food they missed most out on the battlefield, pizza was the answer. So MRE #37 (Meal, Ready-to-Eat) was created – field rations of pizza. It has a shelf life of three years and according to the troops, it's 'not bad'.

> Created by US software engineer Rob Rhineheart, Soylent promises all the nutrients of a complete diet in three drinks a day. While it sounds like a great solution for the time-poor, many nutritionists remain sceptical, questioning Soylent's high sugar content.

> First developed over 40 years ago, the only-in-Japan phenomenon of cultivating watermelons with corners remains ever popular. Grown by using moulds, the melons are popular gifts in Japan and other parts of the world, often retailing for over \$100.



> Melbourne pop-up ice creamery last year unveiled glow-in-the-dark ice cream. Inspired by the owner's misspent youth attending raves, the liquid-nitrogen-made ice cream has UV-reactive liquid colouring added to it, giving it a surreal glow.

> According to state-run media, Koryou liquor, a North Korean ginseng-based spirit, has had its recipe tweaked and is now hangover-free. Good luck finding out if it's true – you'll have to plan a bender in Pyongyang to test the claims as the liquor isn't for sale outside North Korea. ☞



BEST YOUTUBE COOKING CHANNELS



NICKO'S KITCHEN

Perth native Rob Nixon cooks everything from tomato soup to homemade Big Macs.
youtube.com/user/robjnxon



JAMIE OLIVER'S FOODTUBE

The celeb-chef offers meal plans, cocktail recipes and dessert ideas.
youtube.com/user/JamieOliver



THE SIMPLE COOKING CHANNEL

Central Coast local Jason Pinder makes simple recipes from a handful of ingredients.
youtube.com/user/SimpleCookingChannel



BARBECUEWEB

Insane American how-to BBQ channel – think stuffed alligator and three-pig roasts.
youtube.com/user/BarbecueWeb



HEALTH WATCH

1/ COFFEE PROTECTS YOUR LIVER

Researchers from Southampton University have found that people who drink two cups of coffee a day have a significantly lower risk of cirrhosis liver disease. It's believed one of the hundreds of chemical compounds in coffee is responsible. Many doctors express caution over the findings, saying more studies are needed and that coffee is not a cure-all against excessive alcohol consumption.

2/ NEW FITNESS APPS

Runtastic Six Pack Abs helps you get that mid-section you've always wanted. Featuring a host of different ab-training plans, the app will help if you just want to tighten up your belly or if you're seeking washboard abs. RockMyRun features playlists that will match to your heart rate and tempo. And Jefit Workout offers an easy-to-use interface allowing you to precisely log the number of sets and reps you have completed.

3/ PALEO DEBUNKED?

Eating like a caveman has numerous devotees, but researchers from the University of Melbourne have found that Paleo offers up a few unintended consequences, notably rapid weight gain, a rise in insulin levels and accelerated pre-diabetes symptoms. The researchers put rats on Paleo, ironically to try and substantiate the benefits of the ancient diet.

4/ MOVE OVER KALE

There's a whole new bunch of superfoods on the block. One of them is bone broth. Simply bones boiled in stock, often with veggies thrown in, bone broth offers calcium, magnesium and gelatin. Another newbie is kefir, a fermented milk drink with calcium and probiotics that's between milk and yoghurt. Packed with protein, potassium and magnesium, black pudding is also suddenly hot. It boasts stacks of iron and zinc, both of which are lacking in the modern diet.

5/ HEART HEALTH

It isn't a glamorous cause but heart disease remains the nation's biggest killer – claiming 54 Aussies each day. The biggest risk factors are high blood pressure, high cholesterol, obesity, low fruit and vegetable intake, alcohol and smoking. Easy ways to reduce your risk of heart disease include eating lots of bananas, having plenty of sex (two to three times a week is ideal), and not skipping breakfast.





Sepia



Bell Book and Candle



Ultraviolet



Alinea



The Fat Duck



THE FUTURE IS SERVED

THE MOST TECHNOLOGICALLY ADVANCED RESTAURANTS IN THE WORLD

AT the most exclusive restaurants in the world, technology is being employed in new and often startling ways. There are restaurants using video, audio and imagery to turn dinner into a theatrical, multi-sensory experience. Then there's the direct marrying of technology with food. The term 'molecular gastronomy' was devised in the late eighties to describe a style of cuisine where science and technology is used in cooking methods. Leading proponents of this cuisine are now concocting astonishing creations - dishes that merge science, technology, art and food.

Here are the most technologically advanced restaurants in the world.

Alinea - Chicago

Chef Grant Achatz's three Michelin-starred Chicago restaurant is considered one of the pinnacles of high-end, mind-blowing dining in the US. At Alinea you can start with an entree of 'lamb' that consists of 86 ingredients, drink liquorice through a block of ice, and then eat a helium-filled, green-apple balloon.

Sublimotion by Paco Roncero - Ibiza

The world's most expensive restaurant - dinner is \$2500 per person - Sublimotion by Paco Roncero has a 12-seat dining room featuring floor-to-ceiling screens. Video, images and audio are used to immerse diners in a story designed to accompany the 20-course tasting menu. Think nitrogen-frozen olives and foie gras doughnuts.

Bell Book and Candle - New York

Farm to table dining isn't a new concept. But what about roof to table dining? At

MUST-TRY MOLECULAR GASTRONOMY OF THE WORLD



1

Chicago fine-diner Alinea, serves an edible helium-filled green balloon made with dehydrated apple.

2

The Alice in Wonderland-inspired mock turtle soup consists of a fob watch dissolved in tea at The Fat Duck.

3

An oyster and borage flower is nestled in an orb of 7-Up at Schwa in Chicago.

4

Dessert at Sydney's Sepia is a seasonal 'forest floor' littered with chocolate, jellies and green-tea moss.

Bell Book and Candle, greens come from an aeroponic rooftop garden above the restaurant. The plants are suspended over a nutrient solution - meaning no soil and no pesticides. The produce is even delivered to the restaurant via a carbon-neutral pulley system.

Ultraviolet - Shanghai

French chef Paul Pairet is behind Shanghai's most spectacular dining experience. Located in a secret river-front warehouse, Ultraviolet's ten-seat dining room pairs molecular gastronomy with videos, music and scents. The 20-course menu is filled with whimsy - Foie Gras Can't Quit is a fruit-skin cigarette filled with a foie gras mousse served in ashtray studded with black cabbage ash.

The Fat Duck - Bray

Heston Blumenthal is the mad scientist of the food world. The Fat Duck, his restaurant in the village of Bray, recently reopened following a six-month relocation to Melbourne. Blumenthal and his cadre of chefs have created a new menu for the restaurant's resumption, centred on the theme of a visit to the seaside.

Sepia - Sydney

Chef Martin Benn's Sydney fine-diner is regarded as one of Australia's best restaurants. Combining Japanese influences, French techniques and a touch of mad scientist, Benn's cooking is playful and experimental. Sepia's ever-changing tasting menu features palate-awakening amuse bouches, deft seafood dishes and startling desserts, like a bowl of 'Japanese stones' filled with chocolate, blackberry and passionfruit. 

FREE **VS FOR MEN** TRIMMER when you subscribe!

It's important to keep your hair - on your head and elsewhere - under control. Tame the beast with the latest in personal grooming solutions for men from VS FOR MEN. Their clippers and trimmers have the precision, power and performance you need to do the job right!

Get one of the VS FOR MEN products shown here absolutely FREE, when you subscribe to Penthouse magazine!

SUBSCRIBER BENEFITS

SAVE up to \$200

FREE delivery to your door

DISCREET packaging

GREAT gift idea

FREE VS FOR MEN product, up to \$139.95 in value





With your 2 year subscription:

i-PRO Intensive Lithium Clipper RRP \$139.95

Achieve faster hair clippers results with 100% hair cut in one stroke. Ultra-powerful cutting for professional results and a high quality even finish; even on longer hair lengths. Precision engineered professional performance Japanese steel blades with a unique super-sharp cutting angle for ultra-smooth, effortless cutting.

Features:

- Taper lever: fine adjustment taper for precision clipping. 0.6mm to 3mm settings
- 8 comb guides - grade 1 to 8 (3-25mm) plus left and right ear guides
- 3hr charge time for 75min usage; or 30min quick charge time
- Cord/cordless with Lithium-ion Technology: for fast charging time and sustained power performance for reliable cordless use, even at lower charge level.

With your 1 year subscription:

i-Stubble Facial Trimmer RRP \$64.95

The i-Stubble™ Contouring Facial Trimmer incorporates a unique contouring flex head with exclusive W-tech blades to adjust perfectly to the contours of your face. Now you can maintain a short, shadow stubble effect or a more rugged look with effortless ease.

Features:

- 24 ultra-precise cutting length settings from 0.4mm to 5mm for the ultimate in short, shadow stubble or for a longer designer stubble look
- Unique contouring flex head with exclusive blade design minimizes pressure, for less irritation and exact precision stubble control
- Rechargeable for cord or cordless operation with 45min run time.

See the full range available at:
www.vssassoon.com.au/vsformen

PENTHOUSE

YES, Please send me *PENTHOUSE* for:

- ☐ **2 years (20 issues) for \$99.00** **SAVE \$200.00**
+ i-PRO Intensive Clipper
- ☐ **1 year (10 issues) for \$69.00** **SAVE \$80.50**
+ i-Stubble Trimmer

MY DETAILS:

Title: Mr/Mrs, _____
First name Surname

Address: _____

Postcode: _____

Phone: () _____

Email address: _____

GIFT RECIPIENT DETAILS:

Title: Mr/Mrs, _____
First name Surname

Address: _____

Postcode: _____

Phone: () _____

Email address: _____

PAYMENT DETAILS:

I enclose my cheque/money order for \$ _____
payable to Penthouse.

Or charge my credit card:

☐ Visa ☐ MasterCard ☐ Diners Club ☐ American Express

Card Number: _____

Exp date ____/____

Cardholder's Name: _____

Cardholder's Signature : _____

ORDERING IS EASY!

ONLINE: penthouse.com.au

CALL: 136 116

MAIL POSTAGE-FREE TO:

Magshop, Reply Paid 5252, Sydney NSW 2001

Please tick if you don't wish to receive future offers from ☐ Penthouse ☐ specially selected partners.
Offer for Australian residents only and ends 4.5.16, or while stocks last. Product will be sent to subscription payers, separately to the magazine, within 30 days. Full privacy Policy and T&Cs at magshop.com.au/penthouse



how do you like it?

PURE or DIRTY?

AUSTRALIA'S NO 1 CRAFT VODKA

WWW.666PUREVODKA.COM | #666VODKA





GAME OVER

It's time to dust off the Atari gents, geek chic is in. Our gamergirl shows us how she likes to play her favorite classics. Game on.

Photography: Jason Ierace Styling: American Apparel, Wicked Weasel
Gaming products: The Gamesmen Words: Gavin Morrison



ATARI 2600

Released in 1977, The Atari 2600 was one of the first home video game consoles to introduce video game cartridges instead of having hardwired games built into the machine. Credited with popularising the use of microprocessor-based hardware, the console had only 128 bytes of RAM for run-time data. Nine games were released to accompany the launch of the machine, including Outlaw (below), Space War and Breakout.





GALAGA

The sequel to the game *Galaxian*, the 1981 starfighter shooter *Galaga* was one of the most successful games from the golden age of arcade. It introduced many new features over its predecessor, like the ability to fire two shots in succession and the bonus challenge stages. However, the enemies' ability to capture your fighter, was its stand-out feature, as it allowed players to free it later on, giving you the use of two starfighters and double the firepower!



NINTENDO GAME AND WATCH TABLETOP

Game & Watch was a line of handheld electronic games produced by Nintendo from 1980 to 1991. Created by game designer Gunpei Yokoi, each Game & Watch unit featured a single game to be played on an LCD screen in addition to a clock, an alarm, or both. In 1983, The TableTop versions were released with larger multi-coloured displays and built-in joysticks. Popular titles included Mario's Cement Factory, Popeye and Snoopy.



Game & Watch



Game & Watch
Tabletop





R.O.B.

Robotic Operating Buddy, or ROB, was a computer robot accessory for the Nintendo Entertainment System. Released in 1985, its intention was to portray the Nintendo Entertainment System as a novel toy in order to alleviate retail fears following the video game crash of 1983. However, it had a short product lifespan, with support for only two games; Gyromite and Stack-Up.



THE LEGEND OF ZELDA GAME WATCH

Made by Nelsonic in 1985 as part of Nintendo's Game & Watch line, The Legend of Zelda multi-purpose wristwatch allowed players to play a game based on the NES's original The Legend of Zelda. Using a four-button control pad on the watch face, the player controls the character Link through a series of caves, defeating enemies in order to retrieve pieces of the Triforce. At a time before mobile phone apps, this was a great way to game on the go.





GAME AND WATCH DONKEY KONG

Released in 1982, The Game & Watch Donkey Kong was a simplified dual-screen version of the classic 1981 arcade game, and was an instant hit. As the first platform game to feature jumping, the player started at the bottom screen and was required to jump over barrels and climb ladders in order to reach the top screen. There, the player then had to use an activated crane to swing out and cut one of the four wires holding Donkey Kong's girder. Cut all four wires to clear the level and receive a score bonus.





NINTENDO GAMEBOY

Nintendo's second handheld system following the Game & Watch series, the Gameboy combined features from both the Nintendo Entertainment System and Game & Watch series. Released in 1989, the 8-bit handheld video game device had tremendous success, selling over 64 million units worldwide by 1997.







ROCK BAND

A music video game developed by Harmonix in 2007, Rock Band allows up to four players to simulate the performance of popular rock music songs by playing with controllers modeled after musical instruments.

Reusing many gameplay elements from the Guitar Hero series, Players are scored on their ability to match scrolling musical "notes" while playing instruments, or by their ability to match the singer's pitch on vocals. Rock Band 4, out now, builds on the legacy of the franchise, with over 1,500 songs available in the game's ever-growing Rock Band Music Store.



PLAYSEAT ALCANTARA AND LOGITECH DRIVING FORCE RACING WHEEL

Made from a real car seat, covered with black alcantara and supported by a steel structure, The Playseat Alcantara creates an ultra-realistic driving simulation experienced in your living room. The adjustments system allow all the drivers, even the youngest ones, to customise the cockpit in order to easily find their ideal driving position. Add Logitech G G29 Driving Force to your playseat, and you may never want to race with a regular controller again. With dual-motor force feedback, on-wheel controls and responsive pedals, G29 makes racing feel like the real deal.



**ASTRO A50
WIRELESS HEADSET**

Just as consoles evolve, so do gaming headsets, and they don't get much better than the A50 wireless headset from Astro. Using wireless Kleernet 5.8ghz technology, a higher frequency than most wireless devices, the A50 employs three varied EQ modes designed to fit your audio needs.





STREET FIGHTER V ARCADE FIGHTSTICK TOURNAMENT EDITION

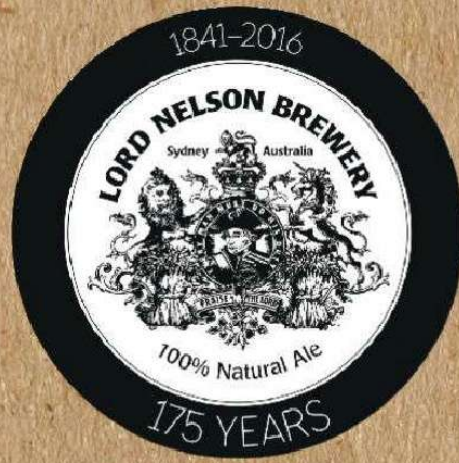
Developed by Mad Catz for the current consoles, The official Street Fighter V TES+ delivers the excitement of an authentic arcade machine. Using the very same parts found in Japanese arcade cabinets, it's built to last and can endure the abuse dished out during fierce battles. A built-in touchpad gives you press, swipe, and multi-touch access to special in-game options and a three-way button enables the joystick to function as the left or right analog stick or D-Pad, opening gameplay for a wide variety of game genres. Welcome to the future of arcade gaming at home.



SPECIAL THANKS

The Gamesmen was founded in 1982 by Angelo Cusumano Snr, trading from market stands in almost every major marketplace in Sydney. Today, The Gamesmen are proud to be in its 31st year of business. Angelo's sons now share a commitment to continue holding a firm grip on the values of customer service and expertise. The Gamesmen is Penthouse's go to for all our gaming needs and their collection of retro games made this shoot possible. A huge shout out to the team at www.gamesmen.com.au





**Handcrafted, preservative
free, naturally brewed for more
than a quarter century.**

**Now brewing Three Sheets,
Old Admiral and Seasonal Ales.**



www.lordnelsonbrewery.com



HAS LANDED

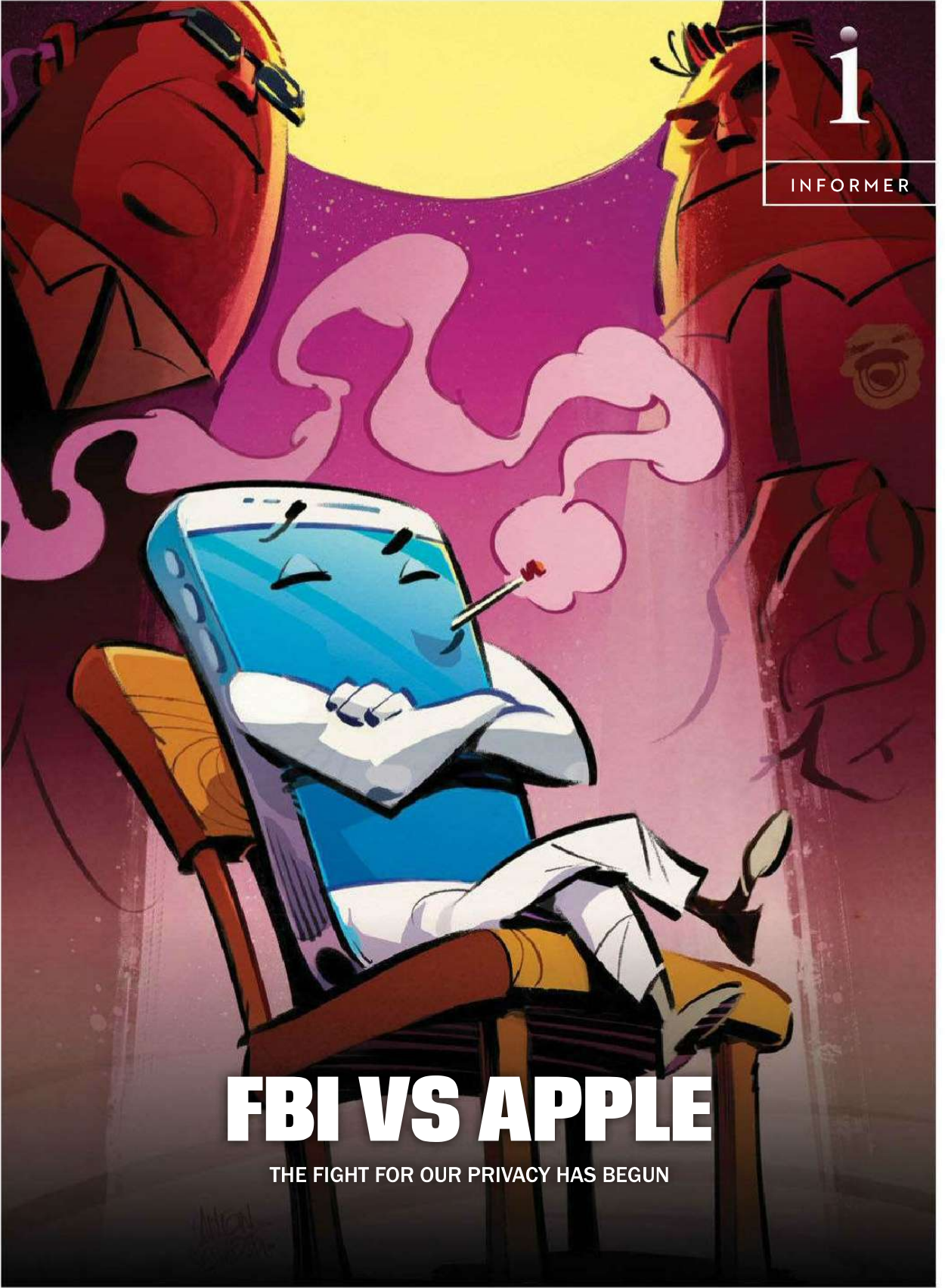
VOTED WORLD'S BEST TASTING TEQUILA*

TEQUILA AVIÓN, THE WORLD'S BEST TASTING ULTRA-PREMIUM TEQUILA*,
HAS LANDED IN AUSTRALIA, DEFINING A NEW STANDARD OF QUALITY AND TASTE



#AVIONLIFE

 /tequilaavionaustralia



1

INFORMER

FBI VS APPLE

THE FIGHT FOR OUR PRIVACY HAS BEGUN



APPLE VS AUTHORITIES

THE LEGAL BATTLE BETWEEN APPLE AND THE FBI COULD HAVE
WIDESPREAD IMPLICATIONS FOR OUR DIGITAL PRIVACY.

BY NICK HOLLINS

THE escalating dispute between Apple and the FBI over demands for the company to build a backdoor into its encrypted iPhone platform is the most visible example of a cat and mouse struggle between surveillance and intelligence gathering, the commercial and privacy concerns of corporations and individuals around the world.

The ramifications of whether Apple accedes to giving authorities the technical ability to break into an iPhone are extremely complex in their reach across varying political and legal frameworks of countries all over the world. The legal precedent might also have the potential to spill into other devices and forms of technology into the future.

The FBI took this action in the course of investigating the San Bernardino shootings that took place in California on 2 December, 2015. Fourteen people were killed and 22 seriously injured when married couple Syed Rizwan Farook and Tashfeen Malik targeted a San Bernardino County Department of Public Health training event and party, with about 80 employees present.

They fled the scene in an SUV and were pursued by police and later killed in a shootout. On 3 December, the FBI opened a counter-intelligence investigation. FBI Director James B. Comey has said the perpetrators have been shown to be homegrown violent extremists inspired by terrorist groups overseas.

Although authorities have seized and reviewed a large amount of electronic data from the couple's home, which they had unsuccessfully sought to destroy, the iPhone of Syed Rizwan Farook remains a piece of evidence the FBI has been unable to access.

The FBI submitted a legal injunction for Apple to provide a firmware solution to circumvent the iPhone's password

controls. They don't know the pin number. This particular iPhone 5C has a standard four-digit password. Authorities want Apple to enable a 'brute force' method of inputting every possible combination.

Apple would need to resolve three key issues: bypass the phone's auto-erase function; submit passcodes via Bluetooth, Wi-Fi or via a port rather than (impossibly) by hand; and remove delays between password attempts. Just picture movie scenes of a laptop linked up to decode and open a secure electronic door or bank vault.

On 16 February, a federal magistrate judge ordered Apple to provide the technical means to unlock the iPhone, based on the All Writs Act of 1789. "Apple shall assist in enabling the search of a cellular telephone ... pursuant to a warrant of this Court by providing reasonable technical assistance to law enforcement agents in obtaining access to the data on the SUBJECT DEVICE."

Commentators have noted the All Writs Act can force a company to act if it's not an "undue burden." It's hard to see how this request passes that test when Apple is being made to kneecap the vital encryption of its commercial products. In 1789, this

law was written to say that people had to give all reasonable assistance to police investigations. This compulsion has more gravity in the 21st century.

In response to the ruling, Apple CEO Tim Cook immediately published an open letter on the company's website, all in on-brand typefaces, explaining their refusal to comply and to call for a public discussion.

"The implications of the government's demands are chilling. If the government can use the All Writs Act to make it easier to unlock your iPhone, it would have the power to reach into anyone's device to capture their data," Cook writes. "The government could extend this breach of privacy and demand that

**IF THEY CREATE THE
FIRMWARE TO CRACK AN
IPHONE, THE EXISTENCE
OF THAT CODE CREATES
AN IMPOSSIBLE DILEMMA
OF DATA SECURITY**

Apple CEO Tim Cook



WHO SIDES WITH WHOM?



WITH THE FBI



DONALD TRUMP
BUSINESSMAN, GOP
PRESIDENTIAL CANDIDATE



WILLIAM J. BRATTON
NYPD COMMISSIONER



BILL GATES
FOUNDER, MICROSOFT



WITH APPLE



SUNDAR PICHAI
CEO, GOOGLE



MARK ZUCKERBERG
CEO/FOUNDER, FACEBOOK



JACK DORSEY
CEO/CO-FOUNDER, TWITTER



JAN KOUM
CEO/CO-FOUNDER,
WHATSAPP

Apple build surveillance software to intercept your messages, access your health records or financial data, track your location, or even access your phone's microphone or camera without your knowledge."

In a later interview on ABC News, Tim Cook went further, "This is not something we would create. This would be bad for America. It would also set a precedent that I believe many people in America would be offended by."

Electronic Frontier Foundation issued their support, saying that "Essentially, the government is asking Apple to create a master key so that it can open a single phone. And once that master key is created, we're certain that our government will ask for it again and again, for other phones, and turn this power against any software or device that has the audacity to offer strong security."

Somewhat surprisingly, Facebook CEO Mark Zuckerberg also voiced his agreement. "We're sympathetic with Apple on this one. We believe in encryption. I expect it's not the right thing to try to block that from the mainstream products people want to use. And I think it's not going to be the right regulatory or economic policy to put in place."

**THERE ARE CONCERNS THAT
IF APPLE IS MADE TO UNLOCK
THIS PHONE, IT WILL SET A
PRECEDENT SO THAT MAJOR
TECHNOLOGY COMPANIES LIKE
FACEBOOK, GOOGLE, MICROSOFT
AND SAMSUNG WILL BE MADE
TO COMPLY WITH SIMILAR
ORDERS IN THE FUTURE**

Zuckerberg noted that Facebook assists governments in fighting extremism by taking down "Any content that's promoting terrorism or sympathizing with ISIS," but said that compromising the security of users is not the way to go about it.

There are concerns that if Apple is made to unlock this phone, it will set a precedent so that major technology companies like Facebook, Google, Microsoft and Samsung will be made to comply with similar orders in the future. This will spill into the wider realm of our lives as digital citizens.

Smart phones are basically our wallets in the 21st century. They are our credit cards, personal identification, access to PayPal and financial records, contact information and private details and photos of our children.

Rob Livingstone is an IT consultant based in Sydney, with experience as a former CIO in a number of multinational corporations. For the past five years, he's run an advisory practice, helping organisations manage security risks and come to grips with emerging technologies.

He observes that unless we're choosing to live completely off the grid, by not using smart phones, credit cards or Internet browsers, then as individuals and citizens, we inevitably deal with organisations and leave a digital footprint.

This footprint can be used to pinpoint our location anywhere on Earth and to track movements with varying levels of accuracy - whether that's where we're standing at that moment, or our financial, political or social activities. "That's why the dark web with the anonymization of individuals' footprints exists," says Rob Livingstone. "Because that level of having a visible digital footprint is just a fact of life."

Anyone with any digital footprint will have some elements of their presence known to people that you may not wish to have that knowledge. It's important for individuals to exact some measure of control over who can access that information.

"The fact is, that when it comes to a provider such as Apple or Google or any other that provides high-level unbreakable encryption, the question boils down to how is the protection of that information guaranteed so that person can have a degree of trust in the custodianship of that information," says Livingstone.

When considering the security of digital information, it's worth noting that it's proactively impossible to know with any certainty, where that data is being physically stored. The Cloud servers that people regularly sync their computers and phones to are linked into data storage facilities that are most likely to be in locations that provide low costs for providers and low levels of regulation and legal impediments. This is no great cause for optimism about the security of our data and information.

As Rob Livingstone points out, the digital age presents criminals with a tremendous gift of information, concentrated in a very small number of places, along with the relative ease with which that can be accessed. "Previously robbers would have to go and rob a bank and that's not very efficient. There are only so many banks you can rob in a day."

This raises another concern in the Apple case. If they create the firmware to crack an iPhone, the mere existence of that code creates an impossible dilemma of data security. Apple and its users can have no reasonable expectation that this Pandora's box of a code will be kept safe from actors who may wish to do harm.

If FBI and police forces had such information in their possession, the routine use of outsource companies to manage their data storage and networks presents a risk. Malicious hackers, foreign governments and even Apple's commercial rivals, may all have an interest in that piece of technology. Further to this, there is always the potential for corruption or misuse of powers.

Apple's legal stoush in the US is already influencing politics in the UK, where British lawmakers are pursuing a controversial expansion of powers for police and security agencies. The Investigatory Powers Bill will allow for higher levels of monitoring of individuals' communications and Internet usage, and for smart phones and computers to be hacked.

Apple CEO Tim Cook will presumably soon be on hand to let the UK government know his company won't crack iPhones for them either. Considering that Australia already has mandatory data retention of all citizens' online activities, it seems more than likely that authorities would welcome the ability to hack smart phones.

A big part of the reaction to the Apple case is disbelief that security agencies don't already possess the ability to break into our phones. Edward Snowden, a former NSA intelligence analyst turned whistle-blower, who fled to Russia in 2013, has claimed that intelligence agencies in America and the United Kingdom have invested heavily in the ability to hack smartphones.

In a stunning interview for a film called 'Edward Snowden, Spies and the Law' with Panorama from the BBC in October 2015, Snowden describes a suite of phone hacking capabilities possessed by the UK Government Communications Headquarters (GCHQ). He contends that different functions are named after Smurfs. Dreamy is a paranoid person's nightmare. "Dreamy Smurf is the power management tool which means turning your phone on and off without you knowing," Snowden says.

Noisy Smurf is said to enable authorities to turn the phone's microphone on and off to listen in. "For example if it's in your pocket, they can turn the mic on and listen to everything that's going on around you." Tracker Smurf allows for higher precision geo-location tracking. The user is sent an SMS text message that never displays in their Inbox, but once received, authorities have effective control over that device.

Snowden claims that most of these technologies have been developed by American security agencies and passed on to the UK. But he says the Americans possess even more sophisticated means of phone surveillance. They can take photos of you through your phone.

And isn't that a primary fear of all in the modern age? Many people put covers over the webcams on their computers due to fears that it could be remotely hacked. Someone could always be watching. Of course smart phones now feature a camera on both sides, and while it helps to see yourself on the screen when taking a selfie, it also means anyone running

a remote feed has potential for an almost 360-degree view.

High-level surveillance is a fact of modern life. Intelligence agencies and police are working to identify national security threats and criminal activities such as paedophile networks or drug smuggling, and the means they use to do it involves mass data collection.

Amicus briefs supporting Apple are being submitted for the ongoing court case, and one from Stanford Law School Center for Internet and Technology presents the unsettling notion that a range of other consumer devices could be turned into listening devices in our homes.

Amazon sells a device called Echo that records spoken voice and takes commands, while Samsung Smart TVs feature voice activation software. "If the government is allowed to compel Apple to change its software to enable decryption and forensic access here, will it also be allowed to compel Amazon to update the Echo, or Samsung to update its Smart TVs, to always collect some customers' conversations?"

The final outcome in Apple's case could see surveillance and phone hacking come above ground, and become as normalised as the government openly recording everything we do online. 

‘
**A CAMERA ON BOTH
SIDES OF THE PHONE
MEANS ANYONE RUNNING
A REMOTE FEED HAS
POTENTIAL FOR
AN ALMOST
360-DEGREE VIEW**
’



Warning
Authorized Service
Provider Only
Potential for fire or
burning. Do not
disassemble, puncture,
crush, heat, or burn.

TDS 2217-2548
Apple South Asia
(Thailand) Limited

CAI[®] US

PS
E
1810mAh
Apple Japan

Li-ion



THE SPY WHO HACKED ME

WHY WE CAN'T GIVE THE GOVERNMENT ACCESS TO OUR IPHONES
BY BRENDAN O'NEILL

MOST of us feel dread when someone asks to borrow our phone. Sure, they might only want to give someone a quick buzz. But what if they peruse our photos and see that saucy snap we took when we were off our nut a couple of weeks ago? What if they have a peek at the internet and discover that the last thing we Googled wasn't a recipe or a news item but something less civilised? What if they happen upon your raunchy messages to your side chick?

Phones are no longer just gadgets we use to chat to people. They've become libraries of our emotions; living, buzzing documents of our thoughts and experiences. So, naturally, we guard them. We add passcodes to lock out strangers. We bark "What the fuck are you doing?" at any mate who picks up our phone for a cheeky browse.

Just as you wouldn't let any Tom, Dick or Harry peer into the inner, sometimes dark recesses of your mind or soul, so you don't let folks screw about with your phone.

And this is what makes the FBI v Apple case so important. This moral struggle centres on one iPhone – that owned by mass killer Syed Farook – but it could have consequences for everyone's phone.

Farook and his wife went to a community centre in San Bernardino in California on 2 December and shot dead 14 people. They were later killed in a shootout with the cops. But this was more than a "going postal" shooting. It was also a terrorist attack. The husband-and-wife duo were found to have sympathies with ISIS. This piqued the FBI's interest. Officers started investigating Farook's life, but there was one thing they couldn't get into: his iPhone.

So they heaped pressure on Apple. They have taken Apple to court, to try and force it to create brand new software that would prevent Farook's phone from erasing itself (which happens automatically if 10 incorrect passcodes are entered) and which would allow the FBI to break into it.

Apple – thank God – is fighting back. It says the FBI's demands are "dangerous", "chilling" and "unprecedented". It's right. Something very important is at stake here: the right to a private life. The right of all of us, not just some killer none of us

gives a damn about, to take photos and send messages and say things that officialdom will never, ever find out about. The right, in other words, to have entirely independent thoughts and experiences that grasping, suspicious officials cannot see or control. The FBI's anti-Apple actions threaten to throttle that independence, for everyone.

The software the FBI wants Apple to invent could be used against any of us. As Apple says, it would have "the potential to unlock any iPhone in someone's physical possession". The FBI says it would keep the software to itself, or allow Apple to keep it to itself. Please. Software spreads, it always does. Other people will get it. And why should we trust the FBI with such software anyway? This is the same FBI that spied on

Martin Luther King. You'd have to be mad to want it to become even more powerful.

And what if such software, or a mimicked, cheaply sold version of it, were to get into the hands of authoritarian regimes? Nate Cardozo of the Electronic Frontier Foundation says tyrannical rulers are probably "salivating at the prospect of the FBI winning [its case against Apple]", because the end result would be the creation of a "master key" that could open any phone on Earth, and these tyrants will want that master key. And have no doubt: they would

get it, somehow. Which is why Apple must never invent it.

You and I might only have awkward photos or rude messages we don't want officials to see. But other people, brave warriors against tyranny, will have political documents on their phones, and the phone numbers of their comrades. If their phones are invaded, they will suffer more than embarrassment: they could be persecuted.

We're often told that we're too connected to our iPhones, that these gadgets have become our fifth limb. But there's a reason for that: these are the machines with which we communicate with lovers, connect with friends, store the stories of our lives. Our phones contain our most intimate images and communiques. That's why they mean so much to us, and that's why no one should ever have a master key that would allow them to peer into these little windows into our souls. 

**‘
THE END RESULT WOULD
BE THE CREATION OF
A "MASTER KEY" THAT
COULD OPEN ANY PHONE
ON EARTH, AND THESE
TYRANTS WILL WANT
THAT MASTER KEY
’**

SECRET LIFE OF PORN STARS

LIFE AS A PORN STAR BY NATHAN HARMOND

How did you get into porn?

Vyki I was about 18 and living in Montreal. I started out doing girl on girl scenes with whatever was offered. The industry in Canada isn't very developed but it's how I started off. I didn't go anything too hard-core because I wasn't sure what to expect. Shortly after, six months, I started shooting boy / girl and about a year after I moved to L.A.

Rick: I started in 2010, I was training to become a cop, but since I was nine years old, I was always watching porn, looking up to guys like Peter North and John Dough. So, I went knocking on doors of some cool nightclubs in downtown Montreal, and this guy gave me an opportunity for this production company. I did a couple of boy/girl scenes and eventually I ended up shooting with every company in Quebec. Like Vicky

porn on the net, I just keep a low profile, and don't say anything.

R For me, what happened, was when I was in the police, I wasn't smart enough. I should have been low profile, but I bragged about it, you know. 'Oh, I fucked a hot girl', I was bragging to my friends and they built up a file to fire me from the force. So after that, I wasn't yet in the force, I did some controversial porn and I became mainstream on social media. Now, every time I have a serious job, like an office job, some people find out and they find an excuse to fire me.

But in this industry you have to be unbreakable and stay positive. There will always be haters.

What's a regular day at work look like?

V: This one depends on the director. In Quebec, it's mostly amateur - in say

companies like to do gonzo porn where you just show up and fuck the girl. Other producers are really demanding, you have to do a grooming scene, you have to fuck like that, stay like that in front of the camera. They yell at you, it's really hard. It's more psychological than physical. You really have to be able to get a hard-on while someone is yelling at you. I would say the longest day I had on a set was four to five hours.

V: I've always had really good feedback on set. It did happen where I got irritated because a performer was high on drugs, or they've partied the night before and I've just gotten really irritated because they can't keep their dick hard and that's their only job to do. So, I mean - I understand, you know, it may happen, but the thing is, if you're out partying and you're on drugs and you're not able to get your dick hard,

I'VE GOTTEN REALLY IRRITATED BECAUSE THEY CAN'T KEEP THEIR DICK HARD AND THAT'S THEIR ONLY JOB

said, it's a really small world, and I got my name out there.

How do people normally react/ do you tell people?

V: For me, I quickly became pretty mainstream. I have a very distinct style. I was really open and honest about it. I was in the adult industry for six years, so before then, I was living off porn, I didn't do anything else, and yeah, people recognised me and my family knew what I was doing, and people would just accept me as I am.

Right now, I'm a full-time student, so I'll try and remain low profile. I deal with high profile people, so to ensure I don't destroy my credibility, or have business owners continually searching for my

Canada, a day would be between 2-4 hours. But in LA, trust me, an average day is about 8 hours, and that's a good day. A movie, say a parody or feature can go longer. I've been on set for 23-24 hours. You can easily do your 40 hours a week on set.

What's that like mentally?

V: It's not even the sex that is the hardest part. It's the whole scenario, everyone that's around, you have to rehearse your scripts, repeating, doing everything over and over again, the same thing. That's the hardest part, I think. Everything they're trying to make perfect other than the sex, which is just secondary - that's the easiest part.

R: It really depends on the director. Some

then I'm the one that yells on set. If you can't do your one job, then go home.

R: As for me, I had a director who would yell at me. Usually they're very nice, but this guy was very harsh. He had a strong work ethic, I don't know if he yells for others, he tried to get the best out of me. The first time I got fucked in the ass was with him, and he was yelling at me like crazy to make sure I spread my legs, and it was very hard. I learned the hard way how to fuck in front of a camera, how to position myself.

Advice for a first timer

V: Honestly, I would suggest that if they're under 21 to think about what they're doing, because I think under 21 years old you're not sure, I don't think anyone at 18





or 19 knows what they want to do, and it could definitely affect you in a negative way, whether it's family, relationships, career-wise, just because you want to make money quick. You need to be sure about what you're doing and that if it's going to fuck up your future, you're not going to start bashing porn because you made a decision.

R: I couldn't agree more with Vicki. You have to make sure you want to do it for the rest of your life. You can't just do a scene and be like 'I'm done, I just wanted to fuck a girl on camera, that was a trip'. That scene will stay on the internet, and somebody, somehow will find out. So, if you do a scene, you go the whole nine yards and you make sure you want to make it a career. Producers pay you to fuck hot girls - don't start bragging that you fucked that chick. I'd say one of the hardest parts is trying to stay sober, but I survived. You're going to go to a lot of porn parties, you're going to see a lot of drugs - don't get into that shit, it's going to pull you down, physically and mentally. You're not going to be able to get it hard. You need to stay away and stay clean.

if you're a porn star. And it's even harder for Vyxen still because she's a hot looking girl, she can get all that free stuff more than me.

What was your first experience with porn?

V: The first time I watched porn was when I was eight - um, no I don't have any daddy issues. I have a really nice family, a nice upbringing, I never had anything bad happen to me, but I was just a very sexual person. I would go away to summer camp and have all these lesbian orgies, but I was watching porn from a really young age. I was watching interracial porn and really non-conventional porn. I don't even know why, but I would just go on. Actually, it was a guy at school who gave it to me when I was eight or nine years old, so yeah, that set it up for me young. I don't why, I don't know how, but I guess I was having sex with all these kids my age, well girls, that probably got me being sexual like that.

R: I started watching porn in 1994 - I was born in 82. I come from a strict family of devote Christian Catholics. For me, everything was about sex. It was like the

to be in this business. You have to have the nastiest.

Do you have any pre-scene rituals or warm-up exercises?

V: I drink a lot, 'cos, I'm known for my big amounts of squirting, so my ritual would be to drink a lot of water, like, 24 bottles of water before a shoot. I was also known for my anal, I was shooting a lot of anal. So I had a lot of anal rituals. Drink a lot of water, have peanut butter so I wouldn't need to go to the bathroom during a set. Lots of ass enemas and shit like that (laughs).

Did you need to warm your ass up?

V: Um, nah. Because I was shooting anal almost every day, that wasn't a necessity for me anymore (laughs)

Rick, what are your rituals?

R: I have a lot of rituals. Because my dream is to be one of the top performers, and because I'm getting old (33), I still want to be able to perform until I'm 60 or even 70. So, I do a lot of cardio training so I have good blood flow, lots of supplements to boost normal testosterone and amino acids before I go to bed, so my growth hormone will be better. Every time I pee, if I have a scene during the week, I'll cut ten

PORN PARTIES, OH MY GOD... OPEN BARS, ORGIES HERE AND THERE, DRUGS, A LOT OF DRUGS

V: A lot of female performers use porn as a last resort and then numb their feelings by getting high on all kinds of shit and you know, it's a never-ending cycle.

R: Sometimes you get invited to a party and you see hot chicks, free drinks, free drugs, you have to be strong mentally to not get into that shit. That's one of the hardest parts I'd say, the outside, social environment of porn.

Tell me about porn parties

V: Well, porn parties, (laughs), oh my god. Well most of the time, like Rick said, open bars, orgies here and there, drugs, a lot of drugs, a lot of rappers, actors, all kinds of mainstream people, you know, it gets pretty trashy, really quickly.

R: Sort of like Vicki said. You go to a porn party and sometimes you get a VIP section, and you can have coke on the table, guys will be like 'do a line, do another line', it happened to me once and I was a victim to that and I made a fool of myself. I almost broke relationships because of my behaviour, so it's hard. Especially in the VIP section, you have free drugs and free alcohol - especially

devil, but for me, it did create the devil in me. I was so obsessed with sex. When my parents used to sleep, I used to watch TV. Back in the 90's, it was like static, and I used to watch porn on that, and I saw this guy John Dough having sex with Asia Carrera and I used to get a hard-on watching that, and since I was 11 I said, 'I want to be like this guy, this is what I want to do'. That was my first experience with porn. The movie was Babe Watch. It was a Bay Watch parody.

Do you still watch porn?

V: No, not really. I have a lot of sex at home. So I don't really have time to watch porn.

R: Me, yes. I'm an obsessive person. I suffered from porn addiction when I was in university and high school. I still watch porn because I like to compare to other performers. It causes me problems with my girlfriend, but I'm just obsessed with watching porn. I just love porn. I would say I masturbate myself twice a day while watching porn, but in my early twenties, it was six times a day. I was crazy enough to watch it a lot. You have to be very sexual

seconds, piss, cut 10 seconds - it's like a kegel exercise, which helps to have a harder erection. And also, because I want to last longer, I take only 10 mg of Prozac to make sure I don't come too easily.

If you could do a scene with anyone, who would it be?

V: Janine Lindemulder. When she was on the cover of Blink 182 (Enema Of The State). She was a total babe, she was actually the reason I got into porn. I thought she was so freaking hot, I would've totally done a scene with her
R: I'm into black girls, my girlfriend is black - it would definitely be Beyonce. I would like to do a scene with her, to have a chance to sleep with her. That is my biggest fantasy. And she has a big ass, what else could I ask for?

Who's your favourite porn star? Why?

V: For me it'd be Sasha Grey. She's just a really, really, really intelligent girl, but she did the most horrible shit on camera.

R: For me, I was fortunate enough to meet him - Peter North, he's my role model. He was very humble when I met him. ☺

LET'S PUT THE FUTURE BEHIND US

STOP THINKING ABOUT THE FUTURE, YOU'RE PROBABLY WRONG ANYWAY **BY RYAN WITTINGSLOW**

IN late February of this year, professional futurist Ian Pearson made the claim that, by 2050, Homo sapiens will be outmoded by the terribly-impressive sounding Homo optimus: a cybernetic creature with modular cloud-based cognition and replaceable physical parts.

Ugly? Stupid? Bad at making friends and influencing people? Never fear! "With optimised genomes and bodies enhanced by links to external technology," Pearson claims, "people could be more beautiful, more intelligent, more emotionally sophisticated, more physically able, more socially connected, generally healthier and happier all round." Whew, what a relief! Where do I sign up?

Of course, the whole thing sounds more than a bit like science fiction. Perhaps it reminds you of something out of an old Harlan Ellison novel you found in your parents' garage, from back when your dad had hair and played guitar. Or maybe it evokes the poorly-bound and slightly off-colour superhero comics you would buy from the newsagent, all wrapped up in their cellophane condoms. Maybe it's Star Trek of which it reminds you, or William Gibson, or Blade Runner.

Whatever it is, some people are excited. It's hard to blame them; no one wants the future to be worse than the present, after all. And they certainly wouldn't be the first, not by a long shot. Cockaigne, Arcadia, Hy-Brasil, Big Rock Candy Mountain, the Garden of Eden; for as long as we've been telling stories, we have been making up ideal places where everything is beautiful and nothing hurts.

During the Enlightenment, these fantasies were particularly common. In an intellectual climate that assured that all true answers are both timeless and mutually compatible, the idea of crafting a society perfect for all people seemed not desirable, but also possible. In perhaps the most famous of these models, early French socialist, Charles Fourier endorsed a society built around phalanstères, or large communal hotels, in which the ends of man could be best achieved.

All over the world, communities of the credulous founded towns based upon Fourier's ideas, motivated by his declaration that the founding of a true socialist society would cause the seas to turn into lemonade. Unfortunately, these people ended up bitterly disappointed by the unchanging flavour of the ocean, and these experiments were soon abandoned; they found that the "good place" (eutopia) is actually a "no place" (outopia).

Closer to the present, people who visited Norman Bel Geddes' Futurama exhibit at the New York World's Fair in 1939, after an

intoxicating 18 minutes wherein participants were flown over a city of the future replete with tree-lined boulevards and enormous, sweeping freeways, were awarded a souvenir pin upon leaving the complex: "I have seen the future".

Hilarious. After all, we've all seen The Jetsons. Robot servants; talking dogs; automated labour; open-plan apartments in teetering Google needles miles above the clouds. And all by the year 2062, no less! Other predictions were even more ambitious. Lost in Space, for instance, was set in 1999. Nineteen-ninety-nine. For anyone born in the 1920s to the 1940s, the present must be an enormous disappointment.

Those of us not lucky enough to be part of either the Greatest Generation or the Silent Generation (that is, those born between 1900 and 1945) consider what our ancestors left us with a kind of patronising indulgence; how, after all, were they to know better? Fascinated by the combination of wide-eyed optimism and bullish hubris, we consume their utopias rudely and indiscriminately, like loud-mouthed, loud-shirted tourists in an exotic and foreign land.

Sometimes, of course, the predictions were actually right. Although we might be a little short on food pills, other things came true: telecommuting, sending data through phone lines, the drudgery of household tasks outsourced to machines. Weirdly, though, the cascading effects of

those developments were themselves unanticipated.

For instance: whilst it was correctly predicted in the 1940s that home appliances would lighten the labour of housewives, futurists of the period almost entirely failed to realise that this would enable millions of women to join the workforce. This, of course, had two profound effects on Western economies: first, the price of labour collapsed, due the surplus of bodies capable of performing work; and second, systemic sociopolitical bias against women was brought to public attention, thus paving the way for the women's lib movement.

You might reasonably think that our litany of errors would make us more cautious about bold predictions of mankind's future. Unfortunately though, that doesn't quite appear to be the case. Indeed, in the triumph of hope over experience, our present dissatisfaction with the tawdry realities of Western liberal democracy seem to have left us more vulnerable to these flights of fancy than ever before.

It's all a bit silly, really. Predicting the future is a mug's game. So let's just cool our jets, shall we? 

**‘
NO ONE WANTS
THE FUTURE TO
BE WORSE THAN
THE PRESENT,
AFTER ALL
’**





FUTURE SEX

INVESTIGATING THE BRAVE NEW WORLD OF
PORN AND TECHNOLOGY.

BY SEAN BRUCE

I am in a well-furnished home – the place is tidy and spacious, there are a few photos on the wall of who I assume are family members. This home belongs to a middle-aged professional, Steve Maclean (name changed). He is clean-cut, with a youthful smile and a large frame. He is wearing a polo shirt and shorts – the sort of middle-aged outfit that someone's dad might wear. We are talking about something that he is pretty passionate about, a hobby that he has had since he was a young man. Some people collect stamps, some like shoes – Steve, collects porn.

"I started buying Hustler in December 1985 while a freshman in college. I was hooked immediately, starting with this issue (points to Hustler from December 1985) the one with the '15 1/2 starring Rambone & Traci Lords' pictorial (which should have been the cover, honestly!). Turned out our church's choir director had started working nights at the bookstore, which I discovered when I got to the counter to pay...tough choice, but I'd already decided I HAD to have the Traci pictorial."

Alan is far from what you would imagine in a porn collector. Not a lonely old pervert, not a dysfunctional recluse, just a regular old guy. The way he talks about his collection, he doesn't seem to display any undue levels of obsession, he simply seems to appreciate the magazines for what they are and for what they represent to him. A little piece of history and a nostalgia trip back to an age of innocence in the porn industry.

Back in the office, I have in front of me, Virtual Reality goggles loaded up with a clip of some of the finest VR porn the internet has to offer. Things have come a long way.

Porn has always been a powerful driver for technology. It may not be obvious to the outsider, but we have a large debt to the porn industry for its innovative approach to adopting new technologies and bringing them to the mainstream. This relationship is particularly clear in the digital age, but in fact, the desire to bring sex, in one form or another, to the hands of the willing, has always led porn producers to be at the frontier of mass communication. Think about it – from the moment humans could draw on walls, they were drawing sex. Our desire to express our sexuality and to create media that reflect this passion has ensured that newer and more sophisticated means of communication are always utilised and often refined by smut-peddlers. From randy Japanese woodblock prints to orgiastic Roman drawings, the sexy output of the Gutenberg press, explicit photography, XXX video, DVD, cable TV, the internet – porn has always been there, at the cutting edge, carving a way forward, making sure that you can get access to masturbatory material in the most up-to-date and efficient manner.

In the digital age, more than any other, the driving force behind many of the most essential technological developments has been our insatiable demand

for porn. We owe an unrecognised debt to the porn makers – not only for providing us with hours of erotic entertainment – but for their bold adoption of technology to get it to us. Well, we would owe them a debt, but it's not like porn producers are doing this out of the kindness of their hearts; our demand for porn has created an enormous market – worth an estimated \$97 billion, worldwide.

Most of us have heard the Avenue Q song, The Internet is for Porn. The song starts off with one of the Muppet-like characters singing gleefully about the plethora of interactive and educational material the internet provides, while – to her dismay – other characters chime in to remind her – the internet is for porn. This song is actually closer to the truth than you might imagine. The internet was created by the U.S military agency DARPA, but it was the porn industry that found it a solid consumer base, opening it up to mainstream appeal. For the first time, you could get access to images of the greatest offerings of smut available to man, without even leaving your front door. No more odious eyes from judgemental newsagents, or shady trips to back alley porn dungeons – everything you could ever want was available at a click.

Of course, we needed more and more access and the adult industry pushed for new ways to provide. Increasing demand for more and better porn led to increases in bandwidth, as millions of images and videos were shared, swapped and sold through digital means. Video streaming may not have emerged had it not been for the pornography industry adopting the technology early on. The same goes for webcams, digital cameras and VCRs.

Beyond money making endeavours, there appears to be a genuine sense of creativity behind innovations in the porn industry – a desire to represent our sexuality in its myriad forms through diverse channels of communication. That being said, money is definitely being made, and creating novel ways to continue making money off pornography continues to shape the industry. Initially, online payments were pioneered by porn makers. The idea that someone would willingly post their credit card details onto the net was once absurd. How could a seemingly unsecured web of 1's and 0's be safe enough to entrust with our most precious of precious details – our credit card number and expiry date? Big companies believed consumers would never overcome their distrust of the technology enough that they would relinquish this information. These companies, however, weren't selling the right product. The collective horniness of thousands of early internet users was apparently powerful enough to overcome their suspicions that they may be ripped off if they give their financial information to a stranger on the internet offering to sell them nude photos. To be honest, it sounds pretty damned shady when written out like that. Thankfully, these early consumers threw caution to the wind, as it enabled early online pornographers to produce and perfect secure methods for online transactions – the birth of e-commerce – which has paved the way for Paypal, eBay and Amazon.

Back at Steve's house, I was pouring over some of his memorabilia; Hustler and Penthouse Letters every month for years, Chic & Cheri mags from the 1980s, Velvet, Club, Club International, High Society from the 90's. I asked him how the Internet had changed his consumption habits. "Internet porn became a real, viable thing in the late 90s, and I didn't buy nearly as many magazines," he told

me. "That was a crazy time because you could also download porn video clips and pics from Usenet, Carracho, Hotline, then burn them to CD and sell them on eBay. Porn was suddenly free, and even more, it could be very profitable, with no overhead. It was as if eBay didn't know exactly what was going on...and also as if a lot of buyers didn't understand how or where to find free porn online. Plenty of people made serious money from porn CD auctions back then."

Ironically, the internet, the very piece of technology that has allowed the porn industry to expand its production and reach global audiences, is also holding the industry back financially. Even though porn producers quickly found ways to monetise their online businesses, the digital sphere is so quickly changing that new methods must be found to combat online piracy and aggregate sites. Penthouse spoke with Professor Alan McKee from the University of Technology Sydney on his views for the future of pornography. Professor McKee is an expert on the production and consumption of adult content and advocates an evidence-based approach to understanding pornography. His research has cut through much of the anti-pornography lobby's misleading propaganda and deals with the subject in an unashamed manner.

McKee sees the difference between 'good' and 'bad porn' as being primarily a question of the manner in which it was produced, rather than the content that it displays. "Good pornography sees everyone involved in the production as peers" says McKee. "Importantly it's not saying that some types of sex are better than others – really nasty vicious kinky BDSM sex can be good porn as long as it's produced ethically with the full consent of everyone involved".

Professor McKee's predictions for the future of the industry mainly revolve around new approaches to making

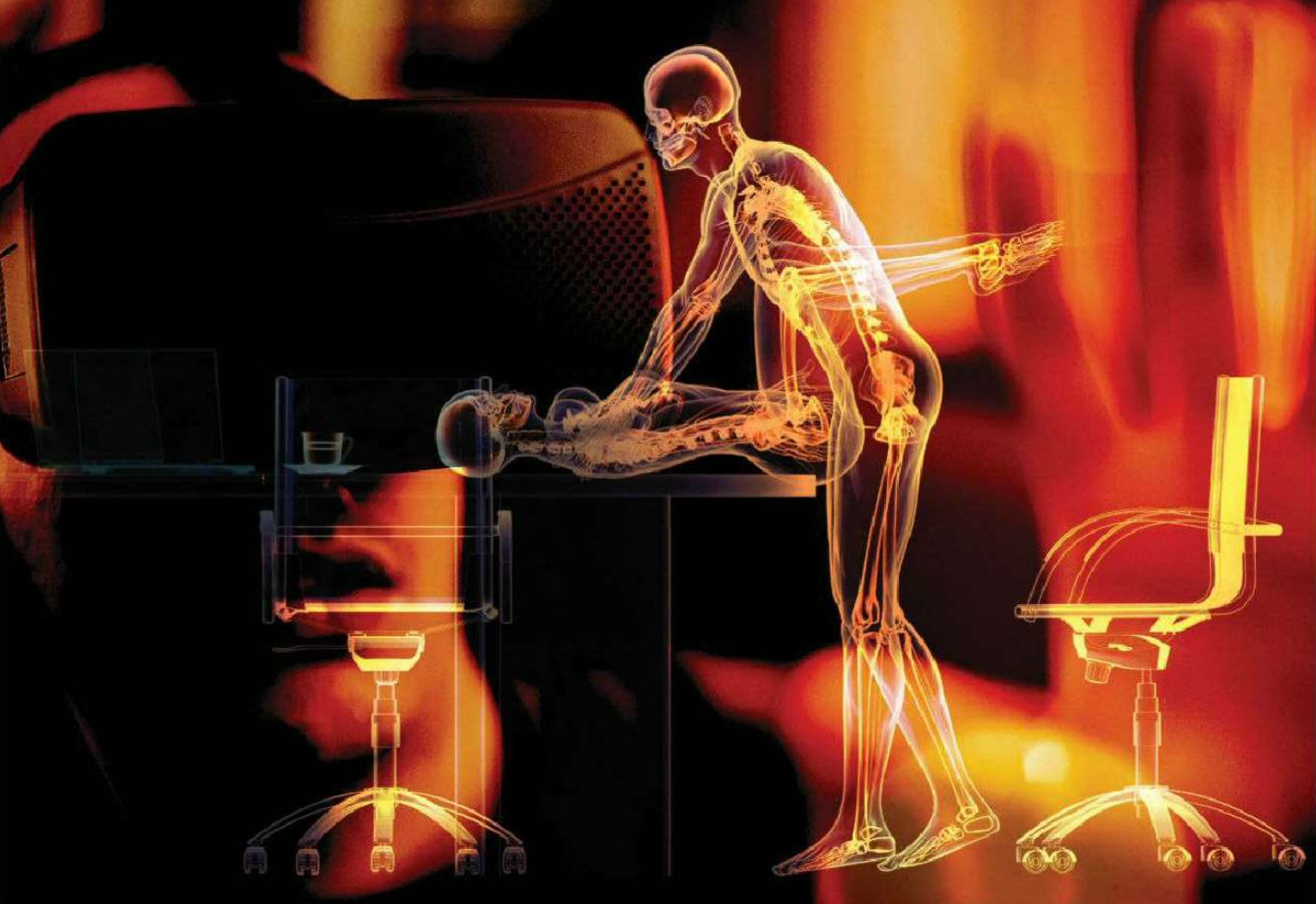
money in the face of online piracy and porn aggregate sites. "How do you make money in a world of excess where everybody can get access to pornography without paying for it, straight away?" He asks.

One way is to crowdsource.

"There is no agent, there is no producer, there is no director, the women sign up and say – 'if I reach my target of \$1000, I'll send you a video of me fucking my friend'". This is crowd-sourced porn; an emerging, direct to consumer method of production. Similar to a Kickstarter fund, it is an increasingly popular way for producers to monetise their products – without the additional overheads necessary for distribution.

There is also an emerging market for ethical and fair trade pornography, an area McKee believes is "going to grow exponentially" and "be worth a lot of money." Fair trade or ethical porn focuses on ensuring that all participants are fully consenting and paid fairly – "that at all points in the production and distribution process, ethical principles are applied". This prediction makes sense if you look at other markets. Consumers in Western countries are becoming more aware of the ethical implications of the products they consume; there is a rising demand that they are produced in an ethical way. Think of the rising demand for organically farmed meats, free-range eggs or fair trade coffee – areas that have significantly increased over the past decade or so. It is not difficult to imagine, then, that as people become more

‘
**IF I REACH MY
TARGET OF \$1000,
I'LL SEND YOU
A VIDEO OF ME
FUCKING MY FRIEND**
,



Free Porn Sex Videos - Redtube

www.redtube.com

REDTUBE™

This website contains sexually explicit material.

ENTER EXIT

MEGAPORN VIDEO - The red

megaporn.com

MEGAPORN

Videos Premium Rewa

Login



PornoTube.com - Browsing

www.pornotube.com/media...

PORNOTUBE

SEXPERIMENT

Porn Videos, Sex, XXX, Free

www.youporn.com

YOU★PORN

WARNING: This website contains explicit adult material

visit this Website if you are at least 18 years of age, or at least th

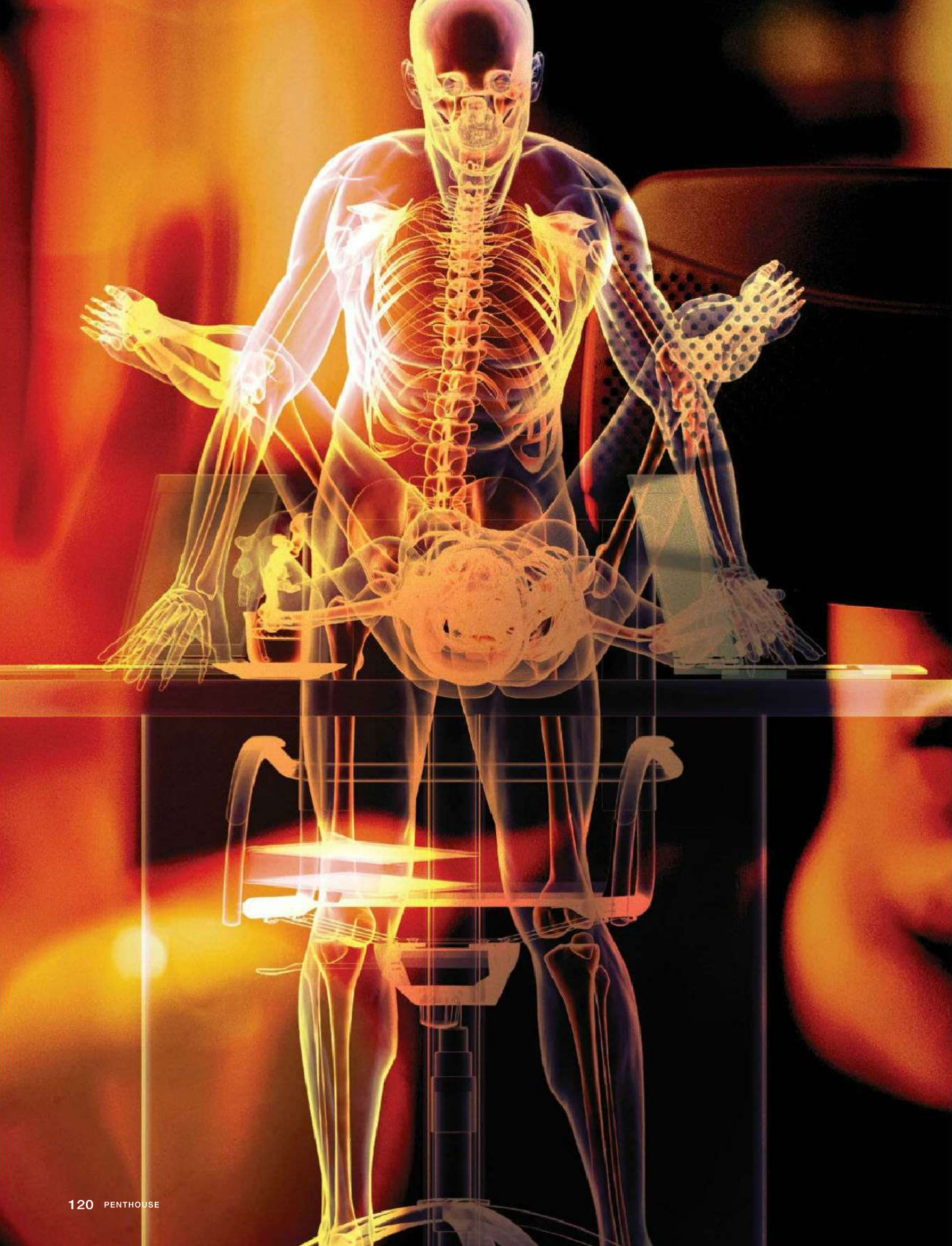
€ 9.99

buy now

ro89.com

IT JA NL NO RO TH

ro89





wealthy and educated, that there will be an increasing audience for ethical pornography – a demographic Alan McKee believes is “ripe for the plucking.”

The virtual reality goggles sit in front of me. I strap them to my face and wait for the VR Bangers experience to start. I'm excited - they boast some of the most visually stunning fantasy VR experiences available.

Virtual Reality has always seemed the logical next step in adult entertainment and yet, still always somewhat of a pipedream. Not that we don't have the technology to make it happen, but that no matter what, the experience would always seem a little too hokey - not quite real, not quite fake – sort of like 3D cinema. It might kind of work, but it mostly just gives you a headache, and definitely won't replace 2D cinema anytime soon.

We can say for sure, that after trying it out, this assumption is unequivocally wrong. VR porn is incredible – it opens up a whole new world of self-pleasuring sensations. First, you equip yourself with the right gear. The Oculus Rift or a Samsung Gear VR hookup, if you want something more seamless and immersive, or Google Cardboard if you want to get the experience on a budget. There are a few companies out there that are producing VR porn and it's looking like a good money making venture – VR porn is harder to pirate and set up on aggregate sites. If you want to get access to the good stuff, you're probably better paying for a membership.

‘

**IT'S NOT OFTEN THAT ONE
HAS THE OPPORTUNITY TO
SEE BOTH CHRISTIANS AND
FEMINISTS ON THE SAME
SIDE OF AN ARGUMENT**

’

Once you put the headset on, you are immediately transported into another room – you can look around a full 180 degrees, you can look at the bed, look at the woman in front of you, slowly taking off her clothes, or you can look down and realise that not only are you in a completely different room – you're in a completely different body. You now have an immaculately bronzed six-pack and a very large erection. Perfect. You experience sex from the point of view of the male actor, and it is more realistic than anticipated. It is very easy to get lost in the digital reality, and although there is no physical engagement (you can't actually feel that model giving you head) it can be very easy to convince yourself that it's real.

Interestingly you can also put yourself into the body of a female actor as well, opening up the possibility to change genders and experience sex from an alternative viewpoint. Putting yourself in a different body is one of the truly unique facets of Virtual Reality. Looking forward, this will open up a whole new world for kinks and fetishes – you can become whoever or whatever you want.

Virtual Reality porn may not radically change the way we all view porn, but it is certainly hard to go back to the 2D stuff after experiencing the immersion of VR. The relationship between porn and technology is clearly enunciated – Virtual Reality, like the internet, is for porn. I don't imagine many people will be buying VR goggles and not use it for porn at one point. It is just too tempting, and more

than likely, it will be the porn industry that will show us the potential of this new technology. Already, there is potential for it to be used in a military, educational or even therapy setting.

While the experience was thoroughly enjoyable and there is definitely potential for this technology to be progressed in the adult film world, there are always detractors, critics and general haters when it comes to porn. Unsurprisingly, adult entertainment is controversial, and there is no doubt that the development of virtual reality porn is going to see some more backlash from the anti-pornography lobby, whose job it is to police the enjoyment of your private sex lives. If they thought that 2D porn was rotting your brain – what are they going to think of the fully immersive, drool-inducing world of virtual reality?

The anti-pornography lobby has created some strange bedfellows. It's not often that one has the opportunity to see both feminists and Christians end up on the same side of an argument. However, opposition to pornography has seen this unlikely alliance grow. Opponents of pornography often point to the same concerns – the effects pornography has on sexual development, relationships and the mind. Feminist opponents have directed most of their focus towards the treatment of women in pornography. It is interesting to find that the anti-pornography lobby more often argues about what is depicted in pornography, rather than how it was made. However, this is precisely the real issue. While many people may find images of BDSM confronting, there is nothing wrong with BDSM or those who enjoy it. It is an infuriating notion that a finger-wagging minority of conservative Christians and feminists feel they have the right to dictate the private sexual activities of men and women.

Even The Guardian, a progressive media source, reviewed Virtual Reality pornography with the sort of disgust and intrigue usually afforded to crushed insects found on the bottom of one's shoe. The writer, with all the offended sensibility of a repressed Victorian gentleman, seemed overly keen to impress upon us how little he actually enjoyed the experience. First, referring to VR porn as a 'fountain of muck', which one can only assume is an amazing unintentional spoonerism. When provided a headset to view pornography in action, the writer mentioned sheepishly that you "can glance up at faces, you can glance down at genitals. Or, if you're me, you can hold your head as far away from the action as possible, and try to avoid acknowledging that any of it is actually happening." The Horror. Imagine, the poor young journalist, having to debase himself by watching pornography! He continued and described a VR porn experience that places the viewer in the body of a woman – describing the 'ordeal' in the most prudish manner imaginable: "He pulls your knickers off, performs cunnilingus on you and then engages you in penetrative sex". He describes the aggression on behalf of the male actor as being so bad that it explained women's 'hatred' of men, going so far as saying that even he 'hated men' after the experience. Whilst the writer did not state it explicitly, the message was loud and clear – only perverts and lonely men watch porn. Oh, and misogynists too.

It's a strange breed of new feminists that see it fit to dictate how consenting women or men should conduct themselves sexually. As if sex depicting women in submissive situations is fuelling the patriarchy with every thrust. It's not like women might find this

empowering or enjoyable. No, the prudes in the anti-pornography lobby have deemed that only sex in the missionary position for the sole purpose of procreation should be enjoyed. No spanking or hair-pulling and certainly nothing that may be aggressive or rough.

The irony of the writers suggestion, that he somehow understands the struggle of women, simply because he experienced rough sex from a female point of view, is ridiculous – who is he to tell anyone how to feel about certain kinds of sex. And while porn is still predominately male-centric, there is evidence to suggest that porn users actually hold less prejudice against women than non-users.

Christian groups suggest that pornography negatively impacts upon relationships – particularly, women in relationships. One Anglican Church study suggested that 42% of women felt 'insecure' about their partner's porn use. Of course they felt insecure – talking openly about sex and sexual desire has never been the strong suit of Christians, who are indoctrinated to be ashamed of their sexual impulses.

According to a comprehensive study of porn users across Australia, however, in most cases, porn viewed by couples had no effect on the relationship. And in some cases, it was found to actually improve the relationship. For those sneaking off to watch

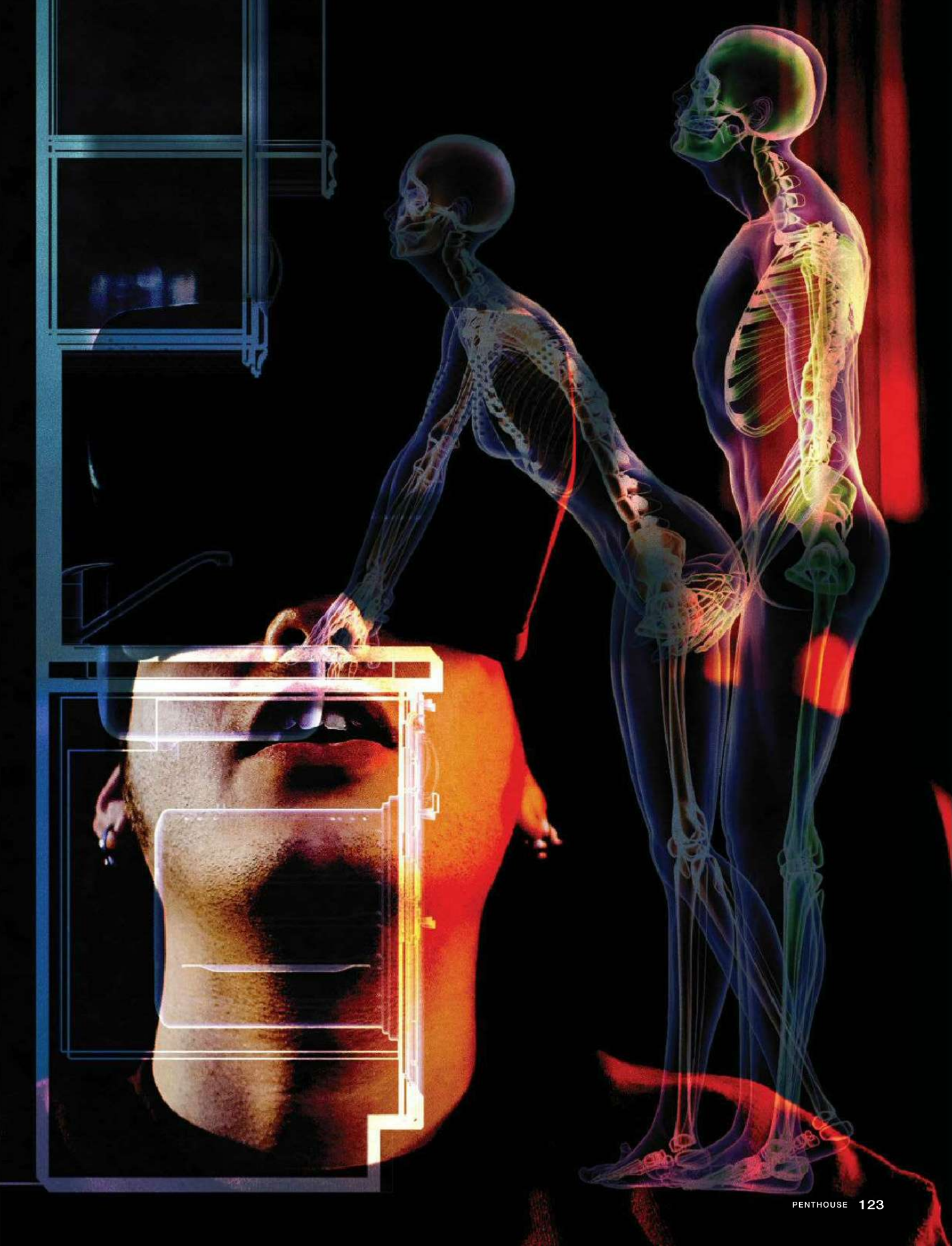
porn on their own, it indicated less about porn's negative effect and more about the current status of the relationship. If your partner isn't feeling sexually satisfied and has no way to talk to you about it, they are likely to sneak off and sort themselves out.

Porn addiction and the effects of porn on the brain is often bandied around by opponents of pornography – with some suggesting that users experience a similar endorphin 'rush' as provided by a hit of cocaine. This comparison is thrown around with little heed to what that actually means. Doing anything

that is enjoyable will likely see a rush of endorphins in the brain – whether it is shopping, the gym or any other seemingly innocuous activity. But of course, the aim here is raise moral panic over the issue. Porn is like a drug only in that there is a pleasure response in the brain when it is viewed. There are certainly documented cases of compulsive behaviour when it comes to watching porn, this however, relates more to a person's individual psychological state and underlying issues with compulsive behaviour than it does to the porn itself. Most people who watch porn are able to do so in a controlled manner – in a way that does not negatively inhibit their normal sexual functioning. If a person finds that they are drawn away from human relationships and that porn is affecting their level of happiness in everyday life, this is more likely an indication of underlying issues that may be affecting that person. Porn simply becomes a means of escape or an outlet for depression, anxiety or obsessive-compulsive disorders – it is not, however, the cause and there is nothing particular about porn that triggers this kind of behaviour.

Pornography is the depiction of sex – those with healthy, sex-positive attitudes, have no problem with pornography and unashamedly enjoy their sex lives with their partners. We would like to see everybody liberate themselves from shameful attitudes towards sex – enjoy sex, know what you like and talk about it with your partners – and above all – watch some porn, who knows, you might enjoy yourself. 

‘
**YOU NOW HAVE AN
IMMACULately
BRONZED SIX-PACK
AND A VERY LARGE
ERECTION**
’



NAZI SEX DOLLS

HITLER'S SECRET PLAN TO MANUFACTURE SEX DOLLS



SEX dolls. We are all aware of them; maybe you've even used one. Far from the inflatable, blonde-haired caricature, with wide eyes and a gaping mouth – more a novelty passed around in frat houses than an actual sex toy – modern sex dolls are eerily lifelike, often much more than a masturbatory aide for the men who own them.

There have been several incarnations of the sex doll throughout the ages. Perhaps one of the oldest 'examples' comes from the myth of Pygmalion. A Cypriot sculptor, Pygmalion carved a woman out of ivory. She was so beautiful that the sculptor, who reportedly was no longer interested in women, fell irrevocably in love. He presented an offering at the altar of Aphrodite (the goddess of love) and, too embarrassed to ask if it was possible to get it on with his sculpture, requested that he meet a woman with the "living likeness of my ivory girl". Aphrodite knew exactly what was up; when he arrived home, after kissing his "ivory girl", Pygmalion was surprised to find that his true wish had been granted. She was alive. The story ends well – the two lovers get married and eventually have a child.

There is an implication in Pygmalion's story that, prior to his

realised early on that this was the direction it was going to go and just went with it."

As you can see, our fair lady doll has been around to comfort men for a long while. Perhaps her strangest cameo, however, was during WWII, where it has been reported that Heinrich Himmler, commander of the German SS, commissioned the production of sex dolls for use in the field. The reason being that sexually transmitted disease, not bullets, was becoming a major cause of mortality amongst soldiers, particularly those stationed in France.

At any rate, project Borghild - the top secret production of Nazi sex dolls - was born. The dolls went through a rigorous design process involving sculptors, varnishers, plastic experts and psychologists - who tested to ensure that the 'right' face was selected. It was decided that the doll would be blonde and Nordic looking (surprise) and rather than be selectively modelled on one female body, should represent the female 'bestform' by taking different aspects of known beauties and combining them together in a sort of "Frankenstein's monster" way. The team agreed on a "cheeky and naughty" face, fixed with a look of "artificial lust".

AT ANY RATE, PROJECT BORGHILD - THE TOP SECRET PRODUCTION OF NAZI SEX DOLLS - WAS BORN

statue coming to life, he had a sexual relationship with her. This is not an isolated example, either. Other reports throughout classical antiquity include a man who had sex with a statue of cupid and in more recent times there is a tale of a man who was caught fornicating with a replica of the Venus de Milo.

Statues aside, men throughout the ages have used woman-shaped objects to sate their sexual desires. You may notice that I specifically refer to men, not women. This is because, for whatever reason, the world of sex dolls has been primarily a male one. For example, sailors on long trips would fashion love puppets out of cloth. These 'companions' were amorously known as dame de voyage in French or damas de viaje in Spanish – journey women.

Sex dolls took a turn for the real in the 90's when U.S. based artist Matt McMullen began creating lifelike female mannequins. At first, there was no intention to create masturbatory puppets. "I think artists as a whole, have this sort of weird thing, we're just driven to do something, and sometimes, you don't really know why, but I was always driven to sculpt females," he said when asked why he started creating the true-to-life female figures. It wasn't long until he started receiving enquiries as to the anatomical correctness of his dolls and in his words: "I

During this process, perhaps one of the greatest "fly on the wall" moments of WWII occurred. Members of the team were divided about Borghild's breasts. The SS thought they should be round and full while Dr Olen Hannussen, an SS-doctor who lead the project, believed they would best be "a rose hip form, that would grip well". Ultimately, the doctor won out, but it brings a tear to our eye to imagine a serious discussion between a Nazi doctor and some high ranking SS officers on the preferred breast shape for their sex dolls. One can only hope that they were standing around a production table, thoughtfully stroking their chins, squeezing synthetic breasts, whilst earnestly debating whether Borghild should be a B cup or a C.

As the tides of war changed and more pressing matters drew the attention of the Reich, however, the project was put on hold and eventually decommissioned completely. Although, if another version of the story is to be believed, the project didn't get full commission due to a test run with a small sample of soldiers, who claimed that it would be too embarrassing to carry the dolls, lest they be captured by the enemy and ridiculed to death. Either way, the only remaining dolls that were created were supposedly destroyed in the Allied bombing of Dresden in 1945. Aufedersein, our sweet Borghild. 



wickedweasel 
barely covering girls since 1994

George
WOLFENBEAR
← BEARDLY GOODS →



ALL NATURAL | HANDCRAFTED | SMALL BATCH
PREMIUM ARTISAN BEARDLY GOODS

FACIAL FOLIAGE CARE FOR THE DISCERNING INDIVIDUAL

#GEORGEWOLFENBEAR



georgewolfenbear.com



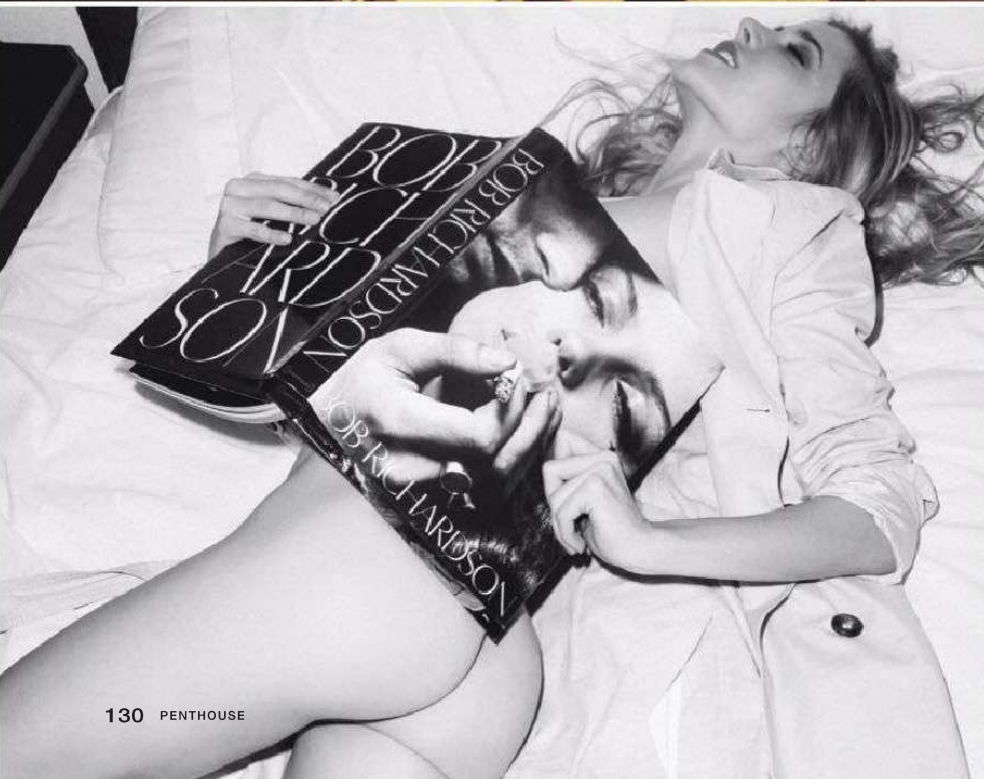
ROOM SERVICE

In a small motel room on the outskirts of Lomita, California, there is no reception, no internet and nothing on the box...but none of that matters when you share a room with Kate and a bottle of Scotch.

Photography: Larsen Sotelo
Model : Kate Havness











Precious Pinot

“Growing Pinot is one of my greatest pleasures. Making quality Pinot is all about diversity of the fruit and winemaking styles, building complexity within the glass. Through our careful selection we produce over 20 different individual wines which come together for our Hill Top Pinot Noir.”

- Randal Tomich



Hill Top Pinot Noir

94 Points

James Halliday



5 Star Winery - James Halliday

1403 Onkaparinga Valley Road, Woodside, South Australia

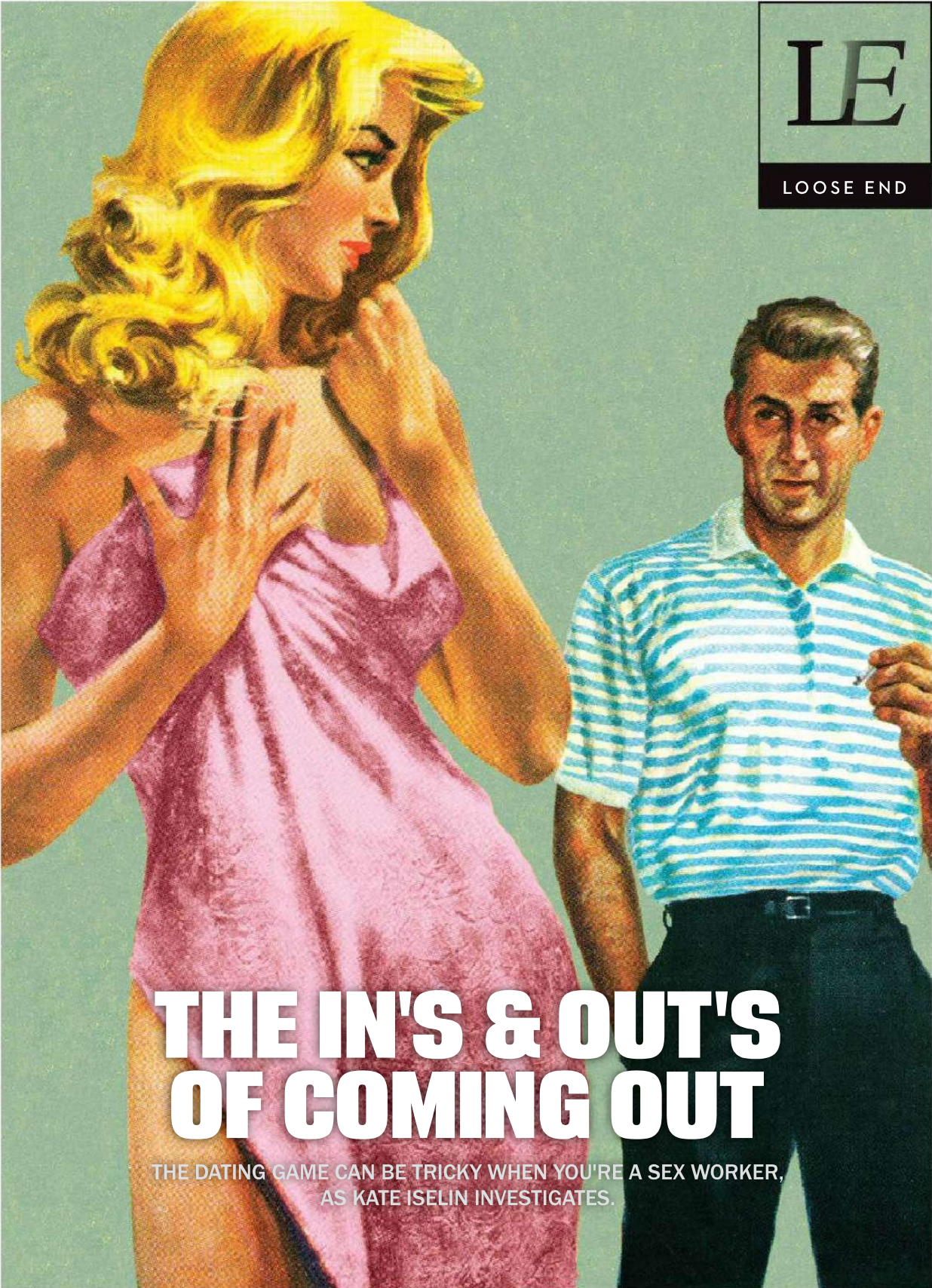
Cellar Door 87 King William Road, Unley, Adelaide **P** (08) 8299 7500 **W** tomichhill.com.au



CHAPPELLI CYCLES
THE BEST RIDE YOU'LL EVER HAVE



SYDNEY MELBOURNE BRISBANE
CHAPPELLI.COM



LE

LOOSE END

THE IN'S & OUT'S OF COMING OUT

THE DATING GAME CAN BE TRICKY WHEN YOU'RE A SEX WORKER,
AS KATE ISELIN INVESTIGATES.



THE IN'S AND OUT'S OF COMING OUT

DATING AS A SEX WORKER BY KATE ISELIN

PROSTITUTE, hooker, sex worker, whore. Sometimes it's easier to describe the day-to-day minutiae of my job than it is to give it a title: I have sex for money, usually penetrative, frequently with men, and always – at least in my career history – in a brothel. When I tell people what I do for a living, I'm usually faced with a litany of questions. "What's the kinkiest thing you've ever done?" inquired one friend, while a lover was quick to ask, "You're not forced to do anything, are you?" (My even quicker response was no). But after the queries about hourly rates and celebrity clients and how I manage to stay upright in heels for eight hours, one question remains: "What exactly am I supposed to call you?"

Some of the best advice I've ever received has come from inside brothel dressing rooms. Inside those hallowed, nicotine-stained walls, all manner of sex worker wisdom has been passed down to me, from how to keep your make-up perfect for eight hours (a spritz of hairspray straight to the face will do it) to how to get rid of rude clients quickly (turn the air conditioner down – way down). I was about 23 when I received perhaps the most memorable piece of advice, though, from a worker painstakingly applying a pair of false lashes in the mirror next to me: "I'll tell you something for nothing, sweetheart," she said, as she leaned in to her reflection. "Never tell a man that this is what you do for money. One day, when you fall

women losing their second jobs, apartments and even children after their work in the sex industry was used against them by a jealous or spiteful lover; and there are documented cases of women facing stalking, threats and even violence as well. Make no mistake, coming out as a sex worker can be – literally – deadly serious.

The first time I ever told a partner, we had been dating for a few months and I had been trying for weeks to summon the courage to tell him that it wasn't just writing that paid my bills. In the end, it took several bottles of wine split with a girlfriend before I felt brave enough to confess, over text message. His response was quick, and one of total acceptance: I was enormously grateful and apologetic that I had kept the secret from him for so long. He admitted that he had guessed there was something I wasn't telling him and he had often wondered why I seemed to pay for drinks on our dates using only hundred-dollar notes.

I'm deeply fortunate that I have had nothing but positive experiences when telling partners that I'm a sex worker. Perhaps it's because I tend to have pretty non-traditional relationships to begin with: I'm openly non-monogamous and I date people of all genders, so maybe the kind of men who readily accept a polyamorous pansexual are the kind to come with a positive attitude about sex work already built-in. One thing I have noticed, though, is that talking about sex work

"I'LL TELL YOU SOMETHING FOR NOTHING, SWEETHEART, NEVER TELL A MAN THAT THIS IS WHAT YOU DO FOR MONEY"

in love, keep this completely to yourself. Don't tell a soul, especially not your boyfriend." And then she disappeared, a mist of body glitter in her wake.

I didn't think too much about her advice at first, at the time I was working a lot. But some years later, older and better-adjusted, I found myself looking back on that night and frowning. Despite what God, society, and Melinda Tankard-Reist might say, I don't believe there is anything wrong with my job. I truly enjoy sex work and I treasure the freedom and opportunities it has granted me. Of all the occupations I could've chosen, bringing physical and emotional pleasure to people is surely a better option than, say, cutting down old-growth forests or getting on the payroll of an anti-vaccination lobby group, so why was I keeping myself shut in the proverbial closet? Being in a relationship with someone surely meant being honest with them above all, even if that honesty had the potential to be awkward, challenging, or even scary. So I made a resolution: next time I found myself in a relationship I would be honest, completely, and throw the doors of the sex worker closet wide open.

Of course, I'm not the only worker to struggle with the in's and out's of outing yourself to a partner. In a world where our jobs are still heavily stigmatised and sometimes criminalised, it's no surprise that not everyone wants to take the often-risky step of revealing themselves. There are horror stories too numerous to count, of

with my partners has always been a two-way street of confessions. One man admitted that he had regularly seen sex workers when he was younger, something that I actually found quite comforting: knowing that he'd had a little peek at my industry, even from the view of a client, meant he hopefully saw the human side of my work rather than the negative stereotype so often seen in movies and television. Another man confessed that I wasn't the first sex worker he had been in a relationship with, while yet another proudly stated that he had done some volunteer work with a sex worker rights organisation in the past.

By discussing such a personal part of my life with my partners, I had given them the space to have an honest and vulnerable conversation with me, and it often resulted in a renewed sense of trust and intimacy. One man later noted that by spending the evening with him, I was sacrificing the potential of an entire night's earnings: when he realised my pay rate, he couldn't help but take it as a compliment.

Though having these kinds of conversations with partners has been difficult, it's not all nerves and teary confessions. As someone who dates women, sex work has occasionally proven itself to be a great way to meet a partner: let's just say that advice isn't the only thing exchanged in the privacy of the brothel dressing room. But that, perhaps, is a story for another time... 

To the FBI and the global Governments that agree with them,

You've read the *The Boy Who Cried Wolf*? I'm assuming you have. The boy cried wolf one too many times and, when a real wolf appeared, no one believed him and he was eaten. Eaten!

We've read your justifications for why you want Apple to circumvent privacy protection on one iPhone, and I wanted to take the time to compliment you on a brilliant piece of satire. You're joking right? "Just one. Really. We promise. You can trust us. Oh, look, there's an evil terrorist over there. Aren't you scared?" Yeah, right.

The thing is, Mr and Mrs Government, you're full of shit and we know it.

Sure, you want to break into a terrorist's iPhone, we get that. The thing is, your case is a joke. You tell us we have nothing to worry about, like it won't set a dangerous precedent and undermine our security and privacy. "The key would only be used by the smallest number of people possible for a subset of issues that we agree are important". But that's a bit of a grey area isn't it? There is no way this precedent would be abused, right? And who's doing the 'agreeing' anyway?

Just recently, it came to light that the NSA's "sneak-and-peek" provision of the Patriot Act, which was allegedly used only in cases of national security and terrorism, has been used (surprise) in cases that do not involve national security and terrorism. You lied, but honestly, no one is surprised. Strike one.

In response to the question, "does the NSA collect any type of data at all on millions or hundreds of millions of Americans?" Keith B. Alexander, director of the NSA, responded "No, sir". Thanks to whistle blower Edward Snowden, we know that the NSA was collecting massive troves of information on everyday Americans. The director of the NSA lied – and not just any lie, but a lie under oath, to Congress. Strike two.

Oh, and let's not forget the monumental shit-storm that was 'Stingray Mobile Phone Snooping'. Police claimed they needed to hack devices in order to stop "weapons of mass destruction", but then just used them to spy on everyday criminals instead. The Federal Government then instructed (practically demanded) that the police hide the evidence and claim that the information came from a confidential source. You lied again. Strike three.

Sorry, it's all getting a little too Orwellian for us. The NSA is spying on us, the Government is lying to us and the FBI and LAPD look like a bunch of moustachioed hitmen, running around, guns blazing, indulging in, what appears to be, their warped, Hollywoodesque reality.

It would appear that lying has become a matter of policy. In this context, does anyone really believe that you or the FBI would be perfectly happy if Apple broke into the iPhone owned by the San Bernardino shooter? That you wouldn't insist on getting the software developed, giving you the ability to dig up the data from anyone and everyone's iPhone? You'll pull out another lie, probably use the threat of terror and try to convince us that it's a matter of 'National Security' - in the name of security we should gladly surrender the rights that our forefathers died defending. Not this time.

Cry wolf all you want, but we know you're full of it.

Thurs May 12th, 4:00 PM - 10:00 PM | Fri May 13th, 12:00 PM - midnight | Sat May 14th, 11:00 AM - midnight | Sun May 15th, 11:00 AM - 8:00 PM

MyFreeCams.com PRESENTS

sexpo

Health, Sexuality and Lifestyle Expo

2016 CELEBRATING

20 Years

Join the Celebration

MAY 12-15

HORDERN PAVILION & ROYAL HALL OF INDUSTRIES,
MOORE PARK, NSW

*the Last Sexpo
Carnival
comes to Sydney!*



ADULT STAR
MAO HAMASAKI



ADULT STAR
ADRIANA CHECHIK



SAMANTHA X



ADULT STAR
LUCIE BEE



ADULT STAR
ALANA EVANS



EXOTIC ANGEL
ELLY JAYDE



BLACK LABEL
YASHIN SCOTT



SHOWGIRL
DAISY PEACH



KIMBA JAMES AND
CHAMPAGNE

For tickets, visit sexpo.com.au

Discounted General Admission, Gold Pass, Lounge Pass and Platinum Pass available online

AN ICON JUST GOT LARGER



THE NAVITIMER 46 mm

BREITLING BOUTIQUE

30 CASTLEREAGH STREET

SYDNEY